

ADA 129859



USAAEFA PROJECT NO. 81-90

**US ARMY  
AVIATION ENGINEERING FLIGHT ACTIVITY  
(USAAEFA)  
REPORT BIBLIOGRAPHY  
1961-1981**

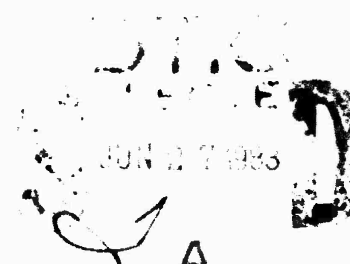
EDITED BY:

KENNETH R. FERRELL

COMPILED BY:

IRENE TUCKER

JUNE 1982



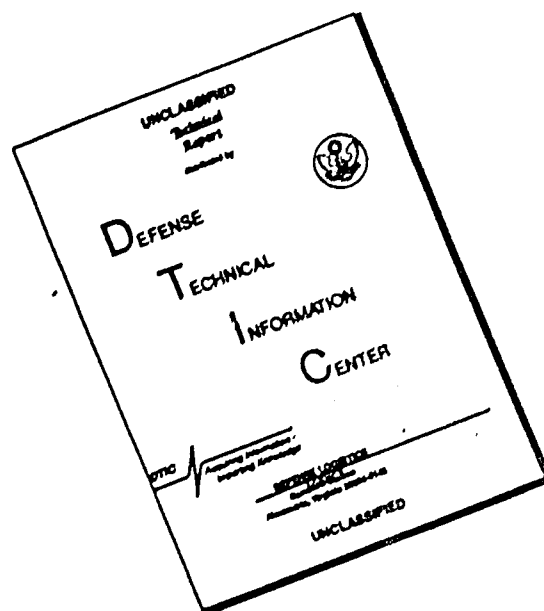
Approved for public release; distribution unlimited.

UNITED STATES ARMY AVIATION ENGINEERING FLIGHT ACTIVITY  
EDWARDS AIR FORCE BASE, CALIFORNIA

DTIC FILE COPY

83 06 27 06 3

# DISCLAIMER NOTICE



THIS DOCUMENT IS BEST QUALITY AVAILABLE. THE COPY FURNISHED TO DTIC CONTAINED A SIGNIFICANT NUMBER OF PAGES WHICH DO NOT REPRODUCE LEGIBLY.

## P R E F A C E

The mission of the US Army Aviation Engineering Flight Activity (USAAEFA) is to conduct airworthiness qualification flight tests of air vehicles developed and/or procured as integrated systems and airworthiness evaluations of those vehicles proposed or considered for Army application or which incorporate advanced concepts having potential military application; produce test data on basic air vehicle performance, handling qualities, system/subsystem interface, and integrated system performance; and conduct a test pilot orientation course to prepare Army aviators for attendance at US Naval Test Pilot School.

The bibliography is listed by both project number and aircraft type tested or involved in the test of equipment or procedures. The project listing is in chronological order from 1961 through 1981. Missing numbers in the sequential project listing occur because of cancellations or restructuring of programs. The aircraft listing contains project numbers as well as all other information and allows the user an alternate method for obtaining necessary project information. Appendix A provides a quick reference list of the aircraft by contractor. Bibliography holders of record will automatically receive yearly supplemental listings.

The reports listed are defined as:

Formal Test Report. A report that is formally published for widespread distribution to other DOD agencies and staff, the Defense Technical Information Center (DTIC), appropriate contractors, and other agencies as directed by the US Army Aviation Research and Development Command (AVRADCOM). These reports are identified by only the project number.

Letter Report. A report that is prepared to provide immediate information to the customer for milestone events or for portions of a test in progress. They are also to report on very limited tests or tests where the data have very restricted application or little historical value. These reports are identifiable by the LR with the project number and are identified in the title as a letter report, letter of effort, or memorandum for record.

Formal reports are on file with DTIC or the National Technical Information Service (NTIS). They may be obtained from DTIC by use



of the AD Number and from NTIS through their normal procedures. Letter reports are controlled by AVRADCOM and may be obtained by contacting:

US Army Aviation Research  
and Development Command  
Directorate for Qualification  
and Development  
ATTN: DRDAV-D  
4300 Goodfellow Blvd.  
St. Louis, MO 63120.

# TABLE OF CONTENTS

Page

## PREFACE

## REPORT NUMBERS

1961 (61-01 thru 61-10)	1
1962 (62-01 thru 62-72)	1
1963 (63-01 thru 63-93)	2
1964 (64-01 thru 64-44)	4
1965 (65-01 thru 65-47)	5
1966 (66-04 thru 66-29)	6
1967 (67-02 thru 67-29)	9
1968 (68-02 thru 68-55)	10
1969 (69-01 thru 69-21)	11
1970 (70-02 thru 70-43)	12
1971 (71-01 thru 71-47)	15
1972 (72-01 thru 72-44)	16
1973 (73-01 thru 73-71)	19
1974 (74-02 thru 74-94)	20
1975 (75-01 thru 75-28)	22
1976 (76-02 thru 76-13)	24
1977 (77-02 thru 77-38)	25
1978 (78-01 thru 78-23)	27
1979 (79-01 thru 79-86)	29
1980 (80-01 thru 80-21)	30
1981 (81-05 thru 81-20)	31

## AIRCRAFT LISTING

### Fixed Wing

Beech Aircraft Corp.	32
Bell Helicopter Corp.	33
Breguet Aviation	34
Canadair, Ltd.	34
Cessna Aircraft Co.	34
DeHavilland Aircraft of Canada	35
Grumman Aerospace Corporation	35
Lockheed Corporation	37
North American Aviation	37
Pilatus	38
Ryan Aeronautical Co.	38

Rotary Wing	
Bell Helicopter Textron .....	39
Boeing-Vertol Co. ....	54
Bolkow-Messerschmitt-Blohm .....	57
Hiller Aviation .....	58
Hughes Helicopters .....	58
Kaman Aerospace Corp. ....	61
Lockheed Corporation .....	61
Piasecki Aircraft Corp. ....	61
Rotorway Inc. ....	62
Sikorsky Aircraft .....	62
Miscellaneous Aircraft .....	65
APPENDIX A .....	66

1961

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
61-01	L-19A	Evaluation of L-19A Equipped with Continental O-470-11C1 Fuel Injection Engine	Feb 1961	J. Kidwell CPT W. Clay	722 825
61-02	Model 47G-3	Bell Model 47G-3 High Altitude Flight Evaluation	Feb 1961	J. Kidwell	722 826
61-03	UH-12E	High Altitude Evaluation of the Miller Model 1961 UH-12E Helicopter	Mar 1961	J. Kidwell MAJ J. Seigler D. Armstrong	722 827
61-04		Limited Cold Weather Evaluation of Multi-Purpose Ground Service Unit Model 2100-5	Jun 1961	A. Ruddell	884 882
61-05		Evaluation of the Republic Electronic Industries Pitot and Static System Tester	Jul 1961	CWO D. Scott	884 883
61-06	L-19A H-13C	Evaluation of the Mark XII Auxiliary Fuel and Oil System	Jul 1961	CPT J. Johnston	884 884
61-07	AO-1AF	Cold Weather Suitability Test of the AO-1AF	Nov 1961	A. Ruddell	884 888
61-08		Evaluation of the Aeronomic Corporation Pitot and Static System Tester	Nov 1961	CWO D. Scott	884 889
61-09		Evaluation of the North American Aviation Inc. Dynamic Flight Simulator	1961	W. Swope	884 885
61-10		Evaluation of the North American Aviation Inc. Visual Presentation Flight Simulator	1961	W. Swope	884 890

1962

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
62-01	XV-3	Pilot Evaluation of the Bell Model XV-3 Vertical Take-Off and Landing Aircraft	Feb 1962	MAJ E. Kleuver	884 870
62-02	H-37	Drop Test Evaluation of Mark XII Auxiliary Torso Fuel Tank	Feb 1962	2LT J. Nelson MAJ E. Kleuver	884 871
62-03	H-23D	Qualitative Flight Evaluation of the Torque-Bias, Throttle-Governor and Low-Damper Systems for the Miller H-23D Helicopter	Apr 1962	W. Swope CPT J. Johnston CWO E. Nelson	884 872
62-04	H-37B H-23D H-21B	Evaluation of the SUE-1165 Blade Tracker	May 1962	E. Finnested	884 873
62-05	Model 47J-2	Limited Evaluation of the Bell Model 47J-2	May 1962	E. Smith J. Kidwell	884 874

1962  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
62-06		Evaluation of the Helicopter Load and Hovering Computer	May 1962	W. Golyer A. Higgins	884 875
62-07	UH-12E-4	Evaluation of the Hiller Model UH-12E Helicopter	1962	J. Kidwell CPT J. Johnston	884 876
62-08	TB-25N	Flight Test Evaluation of a TB-25N Ariel Tanker	Sep 1962	K. Jordan MAJ E. Kluever	884 877
62-09	H-34	H-34 Helicopter 50-Caliber Machine-Gun Kit Calibration	Oct 1962	J. Kidwell CWO E. Nelson	951 582
62-11	TBM-3	Evaluation of a Grumman TBM-3 Air Tanker	Nov 1962	J. Blaha CWO E. Nelson	884 894
62-12	Model 47G-3B	Limited High-Altitude Evaluation of the Bell 47G-3B Helicopter		J. Kidwell CWO E. Nelson A. Averill	884 896
62-13 aka 62-30	OH-13H	Final Report Engineering Test of the Stability and Control Characteristics of the OH-13H Equipped with the XM-1 Armament Kit	Apr 1964	L. Schroers CWO E. Nelson	951 587
62-28	OH-37B	Final Report Engineering Test of the OH-37B	Mar 1965	R. Turk CWO J. Watts	884 897
62-30		SEE USAAKFA PROJECT NO. 62-13			
62-35 LR	XV-5A	Letter Report, Preliminary Pilot Qualitative Evaluation of the XV-5A Research Aircraft	Oct 1965	R. Finnstead K. Ferrell	
62-72/Pt 1	XV-5A	Engineering Flight Research Evaluation of the XV-5A Lift-Fan Aircraft, Pt I, Stability and Control	Aug 1966	R. Finnstead K. Ferrell MAJ W. Walter W. Anderson	800 973
62-72/Pt 2	XV-5A	Engineering Flight Research Evaluation of the XV-5A Lift-Fan Aircraft, Pt II, Performance	Aug 1967	K. Ferrell MAJ W. Walter	821 123

1963

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
63-01	OH-13H	OH-13H Gross Weight Increase/XM-1 Armament Kit Performance Test	Jun 1963	R. Finnstead CWO E. Nelson	951 596
63-04 aka 63-73	CV-2B	Take-Off and Landing Capabilities of the Caribou CV-2B Aircraft on Unprepared Surfaces, USATECOM Project No. 4-4-1142-01	Sep 1963	J. Kidwell J. Blaha R. Finnstead CPT W. Antoniou	440 406
63-05 aka 63-70	PC-6/A	Report of USATECOM Project No. 4-3-1048-01 Takeoff and Landing Evaluation of the Pilatus Turbo Porter Model PC-6/A Airplane	Sep 1963	L. Schroers CPT J. Johnston CWO J. Watts	951 598

1963  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
63-06 aka 63-85	Model 941	Flying Qualities and Performance Evaluation of the Braguet 941 Turbo-Prop Troop Transport	Jan 1964	CPT M. Antoniou	951 590
63-07 aka 61-16 aka 64-01	UH-13R	Report of USATECOM Project No. 4-4-0240-02, Flight Evaluation of the T63-A-5 Turbo Shaft Engine Installed in a UH-13R Helicopter	Jan 1964	L. Schroers CPT M. Antoniou	951 588
63-12	H-23D	Helicopter Airspeed System Investigation	Dec 1962	2LT J. Melton CPT J. Johnston	
63-13	YCV-7A	Engineering Test Requirements for the DeHavilland YCV-7A Tactical Troop Transport, USATECOM Project No. 4-3-1170-01	Nov 1963	J. Blaha	951 587
63-14 LR	CV-7A	Letter Report on Preliminary Engineering Flight Evaluation of the CV-7A Tactical Transport Airplane, DA Project No. 1-R-1-41815-D-193, USATECOM Project No. 4-3-1170-04	Oct 1964	J. Blaha	
63-16		SEE USAAFPA PROJECT NO. 63-07			
63-20	OV-1C	Final Report of the Airworthiness Certification Test of the QRC-160-1 Installed on the OV-1C Airplane, USATECOM Project No. 6-3-6711-03	Jan 1965	J. Blaha MAJ J. Johnston	465 079
63-23/Pt 1	OH-4A	Report of the Engineering Flight Test Stability and Control Phase of the OH-4A Helicopter, Unarmed (Clean) and Armed with the XM-7 or XM-8 Weapon Subsystem, USATECOM Project No. 4-3-0250-11/12/13	Aug 1964	R. Finnestead MAJ J. Foster	909 271
63-23/Pt 2	OH-4A	Report of the Engineering Flight Test Performance Phase of the OH-4A Unarmed (Clean) and Armed with the XM-7 or XM-8 Weapon Subsystem, USATECOM Project No. 4-3-0250-12/13	Aug 1964	J. Melton CWO J. Mette	909 272
63-24/Pt 1	OH-5A	Report of the Engineering Flight Test of the OH-5A Helicopter, Unarmed (Clean) and Armed with the XM-7 or XM-8 Weapon Subsystem, Part I Stability and Control, USATECOM Project No. 4-3-0250-31/32/33	Aug 1964	R. Turk MAJ J. Johnston J. Blaha J. Reichert	909 269
63-24/Pt 2	OH-5A	Report of Engineering Flight Test of the OH-5A, Helicopter Unarmed (Clean) and Armed with the XM-7 or XM-8 Weapons Subsystem, Part II Performance Phase, USATECOM Project No. 4-3-0250-31/32/33	Aug 1964	L. Schroers CWO E. Nelson	909 270
63-25/Pt 1	OH-6A	Report of the Engineering Flight Test Stability and Control Phase of the OH-6A Helicopter, Unarmed (Clean) and Armed with the XM-7 or XM-8 Weapon Subsystem, USATECOM Project No. 4-3-0250-31/32/33	Aug 1964	C. Statum W. Anderson	951 591

1963  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
63-25/Pt 2	OH-6A	Report of the Engineering Flight Test Performance Phase of the OH-6A Helicopter Unarmed (Clean) and Armed with the XM-7 or XM-8 Weapon Subsystem, USATECOM Project No. 4-3-0250-51/52/53	Aug 1964	J. Kudirke CPT D. Wray	951 592
63-38	T-34B	Evaluation of the U.S. Forest Service T-34B Airplane with Smoke Generator Installed	Sep 1963	J. Kidwell	951 5A3
63-70		SEE USAAEFA PROJECT NO. 63-05			
63-73		SEE USAAEFA PROJECT NO. 63-04			
63-74	CV-2B	Final Report Performance Tests of the CV-2B Airplane USATECOM Project No. 4-4-114-01	Jun 1965	R. Finnestead CPT M. Antoniou	467 490
63-77 LR	UH-1D	Letter Report on the High-Altitude Evaluation of the U.S. Army UH-1D Helicopter Equipped with the 48-Foot Rotor Blade, USATECOM Project No. 4-4-0205-01	Jun 1965	L. Schroers	
63-81 aka 63-01	UH-1B	Engineering Flight Test of UH-1B Helicopter Equipped with XM-16 Armament Subsystem and XM-21 Armament Subsystem, USATECOM Project No. 4-4-1532-03 and 4-5-1535-04	Jun 1966	G. Yamakawa M/ J. Foster	488 791
63-85 aka 63-06		SEE USAAEFA PROJECT NO. 63-06			
63-92 LR	CV-2B	Final Test Report of the Integrated Engineering/Service Test of Low Level Extraction Techniques (LOLEX) from CV-2B Aircraft, USATECOM Project No. 4-4-7475	Jul 1964	J. Kramer	
63-93	UH-1B	Military Potential Test of the Model 540 "Door Hinge" Rotor System, USATECOM Project No. 4-40108-01	Feb 1964	J. Kidwell CPT D. Wray	951 593

1964

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
64-01		SEE USAAEFA PROJECT NO. 63-07 aka 63-16			
64-02	UH-1B	Engineering Test of UH-1B Helicopter Equipped with Flotation Landing Gear, USATECOM Project No. 4-5-5201-01	Aug 1966	J. Blaha LT R. Rich	605 698
64-05	CH-37B	Final Report, USATECOM Project No. 4-4-1180-01, Engineering Flight Tests of the CH-37B	Apr 1964	R. Turk CWO J. Watts	951 545

1964  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
64-20	UH-1D	Final Report of Engineering Test of the YT53-L-13 Engine Installed in the UH-1D Helicopter, USATECOM Project No. 4-3-0150-10	Mar 1965	J. Kudirka D. Wilson	
64-20	UH-1D	Engineering Test of the UH-1D Helicopter with XT67 Power Plant Installed, USATECOM Project No. 4-3-0150-17	Apr 1966	J. Melton W. Anderson	845 032
64-28	UH-1B	Engineering Evaluation of the UH-1B Helicopter Equipped with the Model 540 Rotor System, Phase B, USATECOM Project No. 4-4-0108-03	Jun 1966	L. Schroers CPT M. Antoniou	504 242
64-28	UH-1B	Engineering Flight Test of the UH-1B Helicopter Equipped with the Model 540 Rotor System, Phase D, USATECOM Project No. 4-4-0105-03	Dec 1966	L. Schroers J. Melton J. Watts J. Shapley MAJ A. Darling MAJ D. Dugan MAJ E. Sampson W. Anderson	811 782
64-31	OH-6A	Final Report of Climatic Hanger Test of the OH-6A Light Observation Helicopter, USATECOM Project No. 4-3-0250-72/80	Jul 1965	S. Kennedy C. Martin K. Derris	813 862
64-44	YOH-6A	Continued Flight Test of the YOH-6A Helicopter, USATECOM Project No. 4-3-0250-76	May 1967	F. Dominick J. Watts	A951 581

1965

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
65-01		SEE USAARFA PROJECT NO. 63-61			
65-07 LR	U-6	Final Report of Qualitative Flying Qualities Evaluation of the Turbine Powered U-6 Airplane, USATECOM Project No. 4-3-1020-02	Jun 1965	MAJ E. Kleuver	
65-10	CV- 7A	Stability and Control and Performance Test (Phase D) of the CV-7A Transport Airplane, USATECOM Project No. 4-3-1170-08	Mar 1966	MAJ N. Mattmuller D. Wilson J. Blaha	483 183
65-11 LR	YOH-6A	Letter Report of Engineering Test of YOH-6A Helicopter in the Desert Environment, USATECOM Project No. 4-3-0250-75	Jun 1966	D. Morpherson	
65-12	UH-1B	Engineering Flight Test of UH-1B/540 Rotor Helicopter Equipped with XM-16/M-5, XM-21/M-5 or XM-3/M-5 Armament Subsystem, USATECOM Project No. 4-3-1591-01	Dec 1966	J. Nagata MAJ C. Hall MAJ E. Chubbey MAJ D. Gray	811 781

1965  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
65-12 aka 66-09	UH-1C	Engineering Flight Test of the UH-1C Helicopter Equipped with the M-5 Grenade Launcher and the XM-158 or XM-159 Airborne Rocket Launcher Pods Suspended from the XM-156 Multiarmament Mount, USATECOM Project No. 4-4-1542-06 and -09	Feb 1967	J. Petrie MAJ G. Hall	815 629
65-22	UH-1B	Engineering Flight Test of UH-1B Helicopter Equipped with XM-47 Antipersonnel Mine Dispensing Subsystem, USATECOM Project No. 4-4-6516-05	Nov 1966	M. Reiff MAJ M. Mottmuller J. Shapley	809 915
65-27	S-61	Engineering Evaluation of S-61 (No final published copy)	Mar 1966		
65-30	Model 209	Engineering Flight Evaluation of the Bell Model 209 Armed Helicopter, USATECOM Project No. 4-6-0300-01	May 1966	J. Kidwell MAJ J. Foster	811 482
65-31	UH-2B	Engineering Flight Evaluation of UH-2B Armed Helicopter, USATECOM Project No. 4-6-0300-01	Mar 1966	J. Johnson W. Anderson	831 862
65-37 LR aka 65-41B	OH-6A	Letter Report, OH-6A XM-27 Army Preliminary Evaluation	Mar 1969	J. Shapley J. Nagata	
65-37 aka 65-41	OH-6A	Engineering Flight Test (Product Improvement Test) of Production OH-6A Helicopter Unarmed and Armed with the XM-27E1 Weapon System, Phase D	Mar 1968	J. Nagata M. Wolf J. Shapley	834 574
65-37	OH-6A	Engineering Flight Test of the OH-6A Helicopter (Cayuse), Phase D	Apr 1969	J. Nagata J. Shapley	855 043
65-41A		SEE USAAEFA PROJECT NO. 65-37/PT 1			
65-41B		SEE USAAEFA PROJECT NO. 65-37 (LETTER REPORT) AND 65-37/PT 1			
65-46		A Note on Rotary Wing Hovering and Takeoff Performance, Data Acquisition and Analysis	1965	J. Kidwell	
65-47	XV-5A	A Review of ALARD Recommendations for V/STOL Handling Qualities (Rep. 408) in the Light of U.S. Army Experience with the XV-5A and other V/STOL Aircraft Including Helicopters	1965	W. Anderson	

1966

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
66-04	UH-1H	Engineering Flight Test of the UH-1H Helicopter, Phase D Product Improvement Test, Interim Report USATECOM Project No. 4-3-0130-04	Aug 1967	F. Dominich L. Thomas CMO R. Nelson	

1966  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
66-04	YUN-1H	Engineering Flight Test of the YUN-1H Phase D, Limited	Nov 1970	F. Dominick LTC E. Nelson	879 6
66-05	UH-1C	Engineering Test (Airworthiness and Performance Tests) of UH-1C Helicopter with Cluster, Canister, Riot Control CS, 130 IB, E-159, USATECON Project No. 5-5-3405-10	Jan 1967	G. Yamakawa MAJ W. Walter	808 293
66-06 LR	AH-1G	Letter Report of Pilot Qualitative Evaluation of Handling Qualities and Cockpit Environment of AH-1G Helicopter After Contractor Optimization of Stability Augmentation System and Improvement of Cockpit Ventilation System, USATECON Project No. 4-6-0500-01	Feb 1966	MAJ G. Hall J. Melton	
66-06	AH-1G	Engineering Flight Test of the AH-1G Helicopter Hueycobra, Phase B Part 1, USATECON Project No. 4-6-0500-01	Jan 1968	J. Melton MAJ G. Hall	830 136
66-06	AH-1G	Engineering Flight Test of the AH-1G Helicopter Hueycobra, Phase B, Part 2, USATECON Project No. 4-6-0500-01	May 1969	J. Melton MAJ G. Hall	855 629
66-06 aka 67-26	AH-1G	Engineering Flight Test of the AH-1G (Hueycobra) Helicopter Equipped with the XM-28 Chin Turret with Twin XM-134 Missiles, Phase B, Part 3	Mar 1968	J. Melton MAJ G. Hall	834 379
66-06 aka 67-27	AH-1G	Engineering Flight Test of AH-1G Hueycobra Helicopter Equipped with XM-28 Chin Turret with Twin XM-129, 40MM Grenade Launcher, Phase B, Part 4	Mar 1968	J. Melton MAJ G. Hall	836 901
66-06 aka 68-03	AH-1G	Engineering Flight Test of the AH-1G Helicopter Equipped with the XM-28 Chin Turret with One 7.62MM Automatic Gun (M-134) and One 40MM Grenade Launcher (XM-129) Hybrid, Phase B, Part 5, USATECON Project No. 4-6-0500-01	Apr 1968	SP5 F. Raschinski CW4 W. Connor	838 004
66-06	AH-1G	Engineering Flight Test AH-1G Helicopter Hueycobra Phase B, Part 6, USATECON No. 4-6-0500-01	Nov 1969	R. Finnestead CW4 W. Connor	861 700
66-06	AH-1G	Engineering Flight Test AH-1G Helicopter (Hueycobra) Phase D, Part 1, Handling Qualities, USATECON Project No. 4-6-0500-01	Dec 1970	R. Finnestead R. Laing MAJ D. May W. Buse	880 558
66-06	AH-1G	Engineering Flight Test AH-1G Helicopter (Hueycobra) Phase D, Part 2 Performance, USATECON Project No. 4-6-0500-01	Apr 1970	R. Finnestead R. Laing CW4 W. Connor W. Buse	874 211
66-06	AH-1G	Engineering Flight Test AH-1G Helicopter (Hueycobra) Phase D Part 2 Performance Addendum, USATECON Project No. 4-6-0500-01	Mar 1971	R. Finnestead W. Buse CW4 W. Connor	881 221

1966  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
66-06	AH-1G	Engineering Flight Test AH-1G Helicopter, Phase D, Part 3 Vibration Characteristics, USATECOM Project No. 4-6-0500-01	Sep 1970	R. Finnstead E. Bailes MAJ D. Wray M. Buss	878 122
66-06	AH-1G	Engineering Flight Test of the AH-1G Helicopter to Determine the Area of Inadequate Directional Control Power at 8100 Lb. Gross Weight	Feb 1968	J. Melton MAJ G. Hall	832 419
66-06	AH-1G	Feasibility Test of Tractor Tail Rotor Modification on the AH-1G Helicopter	Mar 1968	MAJ G. Hall J. Melton	832 820
66-09		SEE USAAEFA PROJECT NO. 65-12			
66-14	U-21A	Engineering Flight Test U-21A Airplane Phase B and Limited Phase D	Oct 1969	MA. A. Darling MAJ W. Welter	951 584
66-17 LR	CH-47A	Letter Report of USA Preliminary Engineering Evaluation (Product Improvement Test (PIT) Limited, Phase B), of the Proposed CH-47A, 36,000-pound Flight Envelope, USATECOM Project No. 4-3-0200-32	Sep 1966	K. Ferrell MAJ N. Mattmuller J. Shepley	
66-23	CH-47B	Engineering Flight Test of the CH-47B (Chinook) Helicopter, Phase D, Interim Report, USATECOM Project No. 4-6-0200-03	Mar 1968	G. Yamakawa LTC L. Miller MAJ H. Chambers	834 597
66-23	CH-47B	Airworthiness and Qualification Test, (Phase D), CH-47B Helicopter, USATECOM Project No. 4-6-0200-03	Mar 1970	G. Yamakawa LTC L. Miller	871 209
66-26 LR	YCH-47B	Engineering Flight Test of the YCH-47B, Army Preliminary Evaluation I & II, USATECOM Project No. 4-6-0200-02	Jun 1967	MAJ N. Mattmuller G. Yamakawa MAJ D. Dugan MAJ H. Chambers	
66-26	YCH-47B	Engineering Flight Test of the YCH-47B Helicopter Army Preliminary Evaluation I, II, & III, USATECOM Project No. 4-6-0200-02	Jan 1969	G. Yamakawa MAJ N. Mattmuller MAJ D. Dugan MAJ H. Chambers	848 849
66-28	YCH-47C	Engineering Flight Test of the YCH-47C Medium Transport Helicopter Army Preliminary Evaluation I, Interim Report	Mar 1968	MAJ R. Forsyth MAJ H. Chambers 1LT J. Jester SP4 F. Wilson	
66-28	YCH-47C	Engineering Flight Test of the YCH-47C, Medium Transport Helicopter Army Preliminary Evaluation I, USATECOM Project No. 4-6-0201-02	Mar 1968	CPT J. Jester SP4 F. Wilson LTC H. Chambers MAJ R. Forsyth	844 427
66-28	YCH-47C	Engineering Flight Test of the YCH-47C, Medium Transport Helicopter, Army Preliminary Evaluation Part II, USATECOM Project No. 4-6-0201-02	Feb 1969	CPT J. Jester 1LT T. Lane LTC H. Chambers MAJ R. Forsyth	855 630
66-28	YCH-47C	Army Preliminary Evaluation III and IV YCH-47C, Medium Transport Helicopter, USATECOM Project No. 4-6-0201-02	Oct 1970	CPT J. Jester LTC R. Forsyth	878 571
66-29	CH-47C	Airworthiness and Flight Characteristics Test CH-47C (Chinook) Helicopter, Performance, USATECOM Project No. 4-6-0201-03	Sep 1971	LTC R. Forsyth J. Nagata LTC G. Marr MAJ J. Burden	892 400

1966  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
66-29	CH-47C	Airworthiness and Flight Characteristics CH-47C Helicopter (Chinook), Stability and Control, USATECOM Project No. 4-6-0201-03	Mar 1972	J. Nagata G. Skinner SP4 P. Bohn MAJ A. Todd MAJ D. Broadhurst LTC D. Hendrickson	903 488

1967

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
67-02 LR	UH-1C	Letter, Report Engineering Flight Test of the UH-1C/XM-26 (TOW/H) Armament System, Army Preliminary Evaluation	Aug 1967	J. Petrie MAJ R. Holasek	
67-04	CH-47	Engineering Flight Test of the CH-47 (Chinook) Helicopter Integral Weight and Balance Systems (ENSURE)	Mar 1968	A. Higgins 1LT S. Schwartz M. Catey MAJ R. Forsyth	832 821
67-06 LR	Model 206A	Letter Report Bell 206A SAS Evaluation	Apr 1967	MAJ R. Chubboy	
67-07 LR	UH-1C	Analytical Study of Range Performance of the UH-1C Helicopter Equipped with Lycoming T53-L-13 Engine	May 1968	R. Finnestead	839 031
67-08	UH-1H	Sling-Load Performance Capability of the UH-1H Helicopter, Analytical Study	Dec 1970	F. Dominick	878 570
67-09	UH-1C	Engineering Flight Test of the UH-1C Helicopter Equipped with the XM-30 Weapon System, Army Preliminary Evaluation	Nov 1967	K. Ferrell MAJ D. Dugan MAJ R. Holasek	827 184
67-13	Model 206A	Light Observation Helicopter (LOH) Model 206A, Armed (XM-27E1) and Unarmed, Performance and Stability and Control	Dec 1967	LTC E. Preisendorfer LTC W. Crouch F. Dominick	951 595
67-22	TH-55A	Engineering Flight Test TH-55A Primary Helicopter Trainer Limited Performance Evaluation	Nov 1969	CPT S. Schwartz MAJ D. Wrey	864 071
67-23	OV-1B	Engineering Flight Test of an IR Suppression Kit Installation on the OV-1B Aircraft	Jul 1969	SP5 G. Higley MAJ R. Forsyth	857 174
67-25	RU-21B RU-21C	Engineering Flight Test, RU-21B and RU-21C Aircraft Army Preliminary Evaluation	Mar 1970	CPT J. Brecker LTC C. Swecker MAJ K. Holt	868 281
67-26		SEE USAAEFA PROJECT NO. 66-06/PHASE B/PT 3			
67-29	OH-6A	Engineering Flight Test of the Production OH-6A Helicopter with Fairings Removed	Jul 1969	1LT T. Lane MAJ D. Wray M. Bues	859 435

1968

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
68-02	CH-47B	CH-47B Height Velocity Evaluation	Feb 1970	CPT A. Hoffman MAJ W. Davis J. Shapley	866 347
68-03		SEE USAAFEA PROJECT NO. 66-06, PHASE B PT 5			
68-04	UH-1B	Special Study of Autorotational Procedures	Apr 1968	J. Shapley K. Ferrell	676 820
68-09 LR	AH-1G	Letter Report Engineering Flight Test of the AH-1G Helicopter Equipped with XM-20 Armament Subsystem Automatic 20MM Cannon	Mar 1968	MAJ G. Hall S. Dorris	830 120
68-12	UH-1C	Wind Tunnel and Flight Evaluation Rosemount Shielded Pitot-Static Tube Model 850N	Apr 1969	K. Ferrell J. Shapley J. Mishlof	708 859
68-13	UH-1C	Flight Evaluation, AN/APN 191 Radar Altimeter	Sep 1970	G. Bender MAJ J. Burden	714 638
68-14		A Mathematical Model for Estimating Helicopter Power Components	Jan 1968	R. Kyker	
68-21 LR	TH-13T	Letter Report Final Flight Test Results for TH-13T Helicopter	Jun 1969	CPT J. Bracker	
68-22	UH-1C CH-47C	Rotary Wing Vehicle External Stores Jettison Envelope Pilot Established Requirements	Aug 1970	CPT A. Hoffman MAJ W. Davis	713 872
68-24 LR	CH-47A	Qualitative Flight Evaluation of the Flight Engagement Tactical Cargo Hook (FETCH) on a CH-47A Helicopter	Nov 1968	1LT T. Lane MAJ R. Forsyth LTC T. Wright	844 426
68-25	UH-1C	A Flight Research Investigation of Autorotational Performance and Height-Velocity Testing of a Single Main Rotor Single Engine Helicopter	Mar 1976	K. Ferrall A. Fraderickson R. Kyker J. Shapley	A071 153
68-30	OH-58A	Airworthiness and Flight Characteristics Test Production OH-58A Helicopter Unarmed and Armed with XM27E1 Weapon System, Performance	Sep 1970	G. Yamakawa J. Watts	878 560
68-30	OH-58A	Airworthiness and Flight Characteristics Test Production OH-58A Helicopter Unarmed and Armed with XM27E1 Armament Subsystem, Stability and Control	Oct 1970	E. Laing LTC W. Graham MAJ P. Stringer	875 793
68-31	AH-1G	Engineering Flight Test AH-1G (Hueycobra) Helicopter Equipped with the XM33 Armament Subsystem (20MM Automatic Gun)	Nov 1969	N. Donaldson MAJ. G. Hall	865 018
68-32 LR	YCH-47C	Letter Report of the YCH-47C Helicopter 50,000-Pound Gross Weight Evaluation	Jan 1969	MAJ G. Marr	
68-37	AH-1G	Army Preliminary Evaluation of the AH-1G Tractor Tail Rotor Modification	Jun 1969	J. Nagata H. Buss	860 948
68-41	OH-58A	Army Preliminary Evaluation Prototype OH-58A Helicopter with XM27E1 Weapon Subsystem	Jan 1970	J. Nagata E. Hallen J. Watts	865 456

1968  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
68-42 LR	OH-6A	Performance Evaluation of the OH-6A with Expanded Tolerance Main Rotor Blades	Jan 1969	1LT T. Lane J. Shepley MAJ I. Rundgren	847 558
68-43	OV-1D	Army Preliminary Evaluation Preproduction OV-1D (Mohawk)	Mar 1970	G. Yamakawa LTC W. Graham LTC T. Wright	870 260
68-46	Model 211	Army Preliminary Evaluation of the Prototype BHC Model 211 Hueytug	Mar 1969	J. Nagate LTC T. Wright MAJ I. Rundgren	849 063
68-47	YO-3A	Army Preliminary Evaluation I YO-3A Airplane	Aug 1970	CPT G. Condon LTC I. Rundgren MAJ W. Davis	876 022
68-49 LR		Letter Report Evaluation, High-Speed Swivel-Head Pitor Probe	Apr 1971	E. Bailey	
68-51 LR	RU-8D	Letter Report Airworthiness Qualification Test RU-8D Airplane (Winebottle Configuration)	Jul 1969	CW4 W. Connor	857 693
68-51	RU-8D	Airworthiness and Flight Qualification Tests RU-8D Airplane Winebottle Configuration, Phase II	Oct 1970	LTC J. Wing S. Dorris LTC D. Boyle CW4 W. Connor	876 954
68-53	OH-58A	Climatic Laboratory Test OH-58A Helicopter Equipped with XM27E1 Machine Gun Armament System	Jul 1970	SP4 D. Tyson SP4 J. Pinceavage M. Donaldson CW3 J. Thomson	875 578
68-55	AH-1G	Flight Evaluation, Compliance Test Techniques for Army Hot Day Hover Criteria	Apr 1974	K. Ferrell A. Frederickson J. Kishi J. Watte	109 440

1969

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
69-01	AH-1G	Airworthiness and Flight Characteristics AH-1G Helicopter with Stabilized Night Sight (SNS), Phase I	Dec 1969	G. Bender M. Buss	864 070
69-01	AH-1G	Airworthiness and Flight Characteristics Test AH-1G Helicopter with Stabilized Night Sight (SNS), Phase II	Aug 1970	G. Bender M. Buss	874 211
69-01	AH-1G	NASA Report Static Load Tests of a Simulation Package on an AH-1G Helicopter	Jul 1969	R. Rosencrans	
69-07	UH-1C	Jettison Test XM19/MK43 Flare Dispenser Installed in the UH-1C Helicopter	Dec 1969	MAJ D. Wray	864 077
69-08 LR	UH-1H	Letter Report Flight Evaluation on the Big Ear Cannister Deployment Subsystem	Nov 1969	MAJ G. Hall	

1969  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
69-09	OH-6A	5.56/7.62MM Weapons Comparative Evaluation OH-6A Helicopter	Jun 1971	LTC J. Wing V. Diekmann MAJ R. Holessek	884 980
69-11	AH-1G	Engineering Flight Test AH-1G Helicopter (Hueycobra) Maneuvering Limitations	Mar 1971	R. Lewis E. Bailes R. McClellan CPT J. Clexton M. Buss CW4 W. Connor LTC J. Johnston	882 771
69-13	AH-1G	Height-Velocity Test AH-1G Helicopter	Feb 1971	CPT G. Condon E. Bailes CW4 W. Connor	881 633
69-14	YO-3A	Army Preliminary Evaluation, II, YO-3A Airplane	Aug 1970	CPT G. Condon LTC I. Rundgren CW4 W. Connor	874 733
69-15 LR	UH-1H	Letter Report Airworthiness Qualification of the UH-1H Helicopter with the Airborne Searchlight System (AN/ASS-2) Installed	Oct 1969		
69-16	OH-58A	Height Velocity Test OH-58A Helicopter	Jun 1971	J. Watts CPT G. Condon SP5 J. Pincavage	884 973
69-17	CH-47C	Height-Velocity Evaluation CH-47C Helicopter with T55-L-11A Engines	Sep 1972	J. Nagata A. Steinmetz MAJ A. Todd MAJ J. Burden	904 930
69-18 LR	RU-21A RU-21B RU-21C	CEFIRM Leader Airworthiness Qualification Test RU-21-ABC Aircraft	Dec 1970	LTC J. Wing	
69-21 LR	UH-1H	Letter Report Airworthiness Evaluation of the UH-1H with Infant Subsystem Installed	Feb 1970	CW4 W. Connor	

1970

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
70-02 aka 71-17	AM-56A	Army Preliminary Evaluation I and Research and Development Acceptance Test I, AM-56A Cheyenne Compound Helicopter	Mar 1972	F. Dominick G. Bender LTC G. Hall R. McClellan MAJ P. Stringer M. Buss	905 910
70-03	OV-10	Army Preliminary Evaluation II Production OV-10 (Mohawk), Performance and Handling Qualities	Mar 1971	G. Yamakawa 1LT K. Brauer LTC W. Graham	881 649
70-03-2	OV-10	Army Preliminary Evaluation, Production OV-10 (Mohawk) Performance Addendum	Apr 1972	G. Yamakawa 1LT K. Brauer LTC W. Graham MAJ J. Henderson	903 107

1970  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
70-08 LR	AH-1G	Letter Report, Qualitative Airworthiness Assessment of AH-1G Cobra Night Fire Control System (CONFICS)	Sep 1970	M. Buss	
70-09	YO-3A	Army Preliminary Evaluation III YO-3A Airplane	Sep 1970	LTC I. Rundgren MAJ A. Deel	R76 095
70-10	AH-1G	Airworthiness and Flight Characteristics Test (Limited) AH-1G Helicopter with the Southeast Asia Multisensor Armament System Helicopter (SMASH)	Oct 1970	G. Bender M. Buss	951 594
70-12 LR	CH-47C	CH-47C 50,000-Pound Gross Weight Evaluation CH-47C	Mar 1971	MAJ A. Todd 1LT D. D'Amore LTC H. Chambers	
70-14 LR	UH-1H	Airworthiness Qualification Test of the UH-1H Helicopter with Airborne Searchlight Infrared Filter Installed	Jan 1971		
70-15-1	OH-58A	Instrument Panel and Avionics Compartment Environmental Survey Production OH-58A Helicopter	Sep 1972	E. Laing CPT J. Claxton MAJ L. Hapler LTC W. Graham	907 738
70-15-2	UH-1H	Vibration and Temperature Survey Production UH-1H Helicopter	Jan 1973	E. Laing MAJ L. Hapler MAJ R. Merrill	909 441
70-15-3	CH-54B	Vibration and Temperature Survey CH-54B Helicopter	Mar 1973	E. Laing MAJ R. Merrill CW4 J. Reid	910 495
70-15-4	OH-6A	Vibration and Temperature Survey Production OH-6A Helicopter	Aug 1973	E. Laing MAJ J. Smith CW3 J. Hill	914 172
70-15-5	AH-1G	Vibration and Temperature Survey Production AH-1G Helicopter	Mar 1974	E. Laing CPT A. Weand	A002 063
70-15-6	CH-47C	Vibration and Temperature Survey Production CH-47C Helicopter	Sep 1975	E. Laing CPT M. Hawley R. Smith CPT J. O'Connor CPT L. Kronenberger	A022 348
70-16 LR		Interim Report, Comparison of VSTOL Specifications to Helicopter Flight Test Data	Sep 1970		
70-17		A Portable Instrumentation Kit Feasibility Study	Jun 1972	R. Jefferie W. Rivers	751 186
70-19 LR		Letter Report, Advanced Instrumentation and Data Analysis System Demonstration	Mar 1972	V. Diekmann	
70-20 LR	UH-1D	Letter Report, Handling Qualities of the UH-1D Helicopter with Terminal Communications System (TACSAT) Antenna Installation	Aug 1970		
70-22 LR	UH-1H	Letter Report, UH-1H Helicopter with the Airborne Ambush Detector (AAD), Qualitative Handling Qualities Evaluation	Oct 1972	J. Petrie MAJ A. Todd	

1970  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
70-23	UH-1C	Investigation of Engine Rigging, Airspeed and Rotor RPM Effects on Steady State Autorotational Performance	Dec 1970	LTC J. Fitch J. Shapley	717 047
70-24	TH-55A	Autorotational Entry Improvement Program TH-55A Helicopter	Dec 1972	B. Boirun LTC W. Benoit	908 657
70-25	AH-1G	Engineering Flight Test AH-1G (Hueycobra) Helicopter Autorotational Entry Characteristics	Apr 1971	CPT B. Nicholson M. Buas	887 550
70-29 LR	UH-1M	Letter Report, Vibration Survey Tests on the UH-1M Helicopter with the Forward-Looking Infrared (FLIR) System Installed	Nov 1970	LTC D. Hendrickson	
70-29	UH-1M	Vibration and Elevator Loads Survey Tests of the UH-1M Helicopter with the Forward-Looking Infrared (FLIR) System Installed	Jun 1971	R. Finnestead LTC D. Hendrickson	885 839
70-32 LR	U-8	Letter Report, U-8 Aircraft Procedures Evaluation	Dec 1970	K. Ferrell	
70-33	UH-1C	Evaluation of Fuel Flowmeter Instrumentation	Jan 1971	A. Winn R. Jefferis	219 280
70-38 LR	Model 347	Letter Report, Reevaluation of Boeing-Vertol Model 347	Oct 1971	G. Yamakawa LTC D. Hendrick	
70-38	Model 347	Tech Eval Boeing-Vertol Model 347 Advanced Technology Helicopter, Phase I	Jan 1972	G. Yamakawa A. Steinmetz SP4 R. Greenland LTC D. Hendrickson	900 263
70-40 LR	UH-1H	Letter Report, Helicopter-Mounted Insecticide Spray System Evaluation	Feb 1973	MAJ R. Waddell SP4 J. Lehman	
70-43 LR	Scorpion	Evaluation of the Scorpion Helicopter	Mar 1972	MAJ R. Chaplin MAJ J. Alvis	

1971

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
71-01 LR	CH-54B	Letter Report, Qualitative Evaluation of Instrument Flying Qualities of the CH-54B Helicopter	Aug 1971	J. Watts MAJ J. Henderson	
71-01	CH-54B	Instrument-Flight-Rules Capability Evaluation CH-54B (TARHE) Helicopter	Dec 1972	E. Balles V. Diekmann J. Watts MAJ J. Henderson	908 658
71-03	UH-6A CH-58A AH-56A	Study, Pilot Perceived Jettison Envelope	Jun 1973	A. Winn J. Kishi	768 171

1971  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
71-04 LR	UH-1B	Letter Report, Airworthiness Qualification Test UH-1B Helicopter with XM26 Armament TOW System Installed Under Asymmetric Loading	Apr 1971	MAJ D. Broadhurst 1LT R. Thomas	
71-05 LR	OH-6A	Letter Report, Evaluation of Stability and Control Test Methods	Jan 1974	V. Diekmann LTC R. Waddell	
71-07 LR	UH-1H	Letter Report, Army Preliminary Evaluation of the UH-1H Helicopter Multifunction System (HELMUS)	May 1971	MAJ D. Broadhurst CPT B. Nicholson	
71-09 LR	UH-1H	Letter Report, Follow-On Vibration Survey of the UH-1H/FLIR	May 1971	R. Finnestead MAJ R. Molassek S. Streutker	
71-11 LR	OH-6A	Letter Report, Evaluation, AN/APN 171 Radar Altimeter	Oct 1971	J. Wette S. Streutker	
71-16 LR	TS-2A	Letter Report, Phase I TS-2A Airtanker Evaluation	Jul 1972	MAJ R. Molassek SP4 J. Lehman	
71-17 aka 70-02		SEE USAAEPA PROJECT NO. 70-02			
71-18 LR	UH-1H	Letter Report, UH-1H Tail Rotor Hover Performance	Oct 1971	R. Finnestead LTC W. Graham	
71-18	UH-1H	Tail Rotor Performance and Translational Flight Handling Qualities Tests UH-1H Helicopter	Jan 1972	R. Finnestead LTC W. Graham	901 787
71-21 LR	OH-58A	Letter Report Monitoring of OH-58A Snow Ingestion Test	Dec 1971	MAJ Napier	
71-22 LR	NUH-1B	Letter Report, Airworthiness Test of the NUH-1B Helicopter Equipped with an Automatic Terrain-Avoidance/Following System	Aug 1971	MAJ R. Molassek SP4 J. Lehman	
71-24	OH-58A	Evaluation of the OH-58A Helicopter with an Allison 250-C20 Engine	Dec 1972	E. Loring T. Benson SP5 A. Werner MAJ D. Broadhurst	907 291
71-27	UH-1C	Airworthiness Evaluation UH-1C XM156/Mornet Missile System	Jan 1972	A. Winn J. Kishi	892 242
71-29 LR	UH-1H	Letter Report, Reevaluation of the DSPC SPIKE-EXRAY Program	Aug 1971	MAJ J. Burden	
71-30	UH-1C	Flight Evaluation, Elliott Low-Airspeed Sensor, Final Report I	Sep 1972	A. Winn J. Kishi	753 343
71-30	UH-1C OH-58A F-51D	Flight Evaluation, Aeroflex True Airspeed Vector System Low-Airspeed System, Final Report II	Mar 1973	K. Ferrell A. Winn J. Kishi B. Jefferis	761 240
71-30	UH-1C	Flight Evaluation, Pacer Systems Inc. LORAS II Airspeed System, Low-Airspeed Sensor, Final Report III	Mar 1974	R. Botrun F. Dominick J. Kishi MAJ J. Smith MAJ R. Merrill	780 018

1971  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
71-30	NUM-1C	Flight Evaluation, J-Tec Airspeed System Low-Airspeed Sensor, Final Report IV	Apr 1974	F. Dominick B. Bolrun J. Kishi R. Jefferis	780 019
71-30-5	NUM-1M	Flight Evaluation, Rosemount Orthogonal Low Airspeed System, Low-Airspeed Sensor, Final Report V	Nov 1974	CPT J. O'Connor SP4 J. Bullock R. Jefferis	009 711
71-30-6	NUM-1M	Flight Evaluation, Elliott Dual-Axis Low Airspeed System, LASSIE II, Low Airspeed Sensor, Final Report VI	Sep 1975	F. Dominick K. Ferrell CPT J. O'Connor	A019 360
71-31 LR	UH-1H	ALARM System Airworthiness Test	Feb 1972	MAJ R. Molasek MAJ J. Alvis PFC J. Lehman	
71-32		Utility Tactical Transport Aircraft System (UTTAS) Maneuver Criteria	Apr 1972	G. Yamakawa MAJ G. Broadhurst MAJ J. Smith	902 767
71-34	OH-6C	Army Preliminary Evaluation, Prototype Hughes, Model 369C (OH-6C) Helicopter,	Feb 1972	G. Skinner R. McClellan LTC A. Deel	901 268
71-41 LR	OH-47C	OH-47C Improved Flight Control System	Dec 1972	MAJ W. Norton SP4 C. Bowers	
71-42 LR	UH-1H	UH-1/XH56, Army Preliminary Evaluation	Feb 19 2	MAJ R. Chaplin PFC J. Lehman	
71-43 LR	AH-1G	AH-1G Lateral Flight Performance Test	Jun 1972	MAJ L. Nepler J. Kishi A. Winn	
71-45 LR	UH-1H	XH56 Mini-Dispersion Test	Feb 1972	MAJ R. Chaplin SP4 J. Lehman	
71-46 LR	OH-58A	OH-58 Autorotational Evaluation	Feb 1972	J. Watts V. Diekmann	035 727
71-47 LR	RU-21B RU-21C	CEFIRM LEADER RU-21B and RU-21C Airworthiness Tests	Sep 1972	MAJ R. Chaplin SP4 J. Lehman	

1972

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
72-01	OH-58A	Instrument Flight Evaluation OH-58A Helicopter	Sep 1972	T. Benson MAJ J. Smith	907 317
72-02 LR	CL-215	Limited Evaluation of Canadair's CL-215 Water Bomber/Utility Aircraft	Nov 1970	MAJ R. Molasek	
72-02	CL-215	Limited Evaluation Canadair CL-215 Amphibious Airplane	Oct 1972	MAJ J. Alvis MAJ R. Molasek J. Kishi	

1972  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
72-03 LR	OH-58A	Fluidic Yaw Damper Evaluation Installed on the OH-58A Helicopter	Dec 1972	MAJ J. Smith MAJ R. Chaplin R. Smith	
72-05	UH-1H	Rotor Flow Survey Program UH-1H Helicopter	May 1974	S. Boirun R. Jefferis MAJ R. Holasek	787 428
72-06	OH-6A	Instrument Flight Evaluation OH-6A Helicopter, Part I	Nov 1973	A. Winn LTC W. Griffith MAJ C. Mittag	780 016
72-06	OH-6A	Flight Evaluation, OH-6A Helicopter Kaiser FP-50B Flight Director System, Part II	Feb 1973	A. Winn LTC W. Griffith MAJ C. Mittag	781 990
72-08	AH-56A	Attack Helicopter Evaluation AH-56A Cheyenne Compound Helicopter	Jun 1972	J. Johnson G. Bender R. McClellan MAJ J. Burden CPT M. Larsen	771 914
72-09	S-67	Attack Helicopter Evaluation Blackhawk S-67 Helicopter	Jul 1972	G. Yamakawa A. Winn R. Smith SP4 R. Anderson MAJ W. Griffith MAJ W. Horton	771 161
72-10	Model 309	Attack Helicopter Evaluation Model 309 KingCobra Helicopter	Jul 1972	J. Nagata G. Skinner PFC G. Smith R. Jungel MAJ L. Napier LTC P. Stringer	771 151
72-12	Model 347	Engineering Flight Test Boeing-Vertol Model 347 Advanced Technology Helicopter Phase II	Oct 1972	A. Steinmetz SP4 C. Bowers LTC A. Deel MAJ W. Horton	909 933
72-13 LR	HU-21E	Modified LEFT-FOOT HU-21E Direction Finding (DF) Demonstration	Jun 1972	MAJ R. Chaplin PFC G. Smith	
72-14 LR	OH-58A	Helicopter Autorotational Demonstration	Jun 1972	J. Watts S. Streuther	
72-15 LR	OH-47C	OH-47C Weight and Balance System	Mar 1973	J. Nagata	
72-16 LR	AH-1G	AH-1G Vertical Climb Height-Velocity Diagram	Sep 1972	K. Ferrell A. Fredericksen J. Kiehl	
72-18	AH-1G AH-1Q	Army Preliminary Evaluation Improved Cobra Armament System	Dec 1972	G. Yamakawa 1LT L. Toman SP5 A. Werner MAJ K. Holasek	907 694
72-19 LR	OV-10	OV-10 300-Gallon External Drop Tank Performance Evaluation	Sep 1972	MAJ R. Chaplin SP4 J. Lehman	

1972  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
72-20	OH-58A	Handling Qualities Evaluation of the OH-58A Helicopter Incorporating the Model 570B Thrae-Axis Stability and Control Augmentation System	Feb 1973	R. Smith T. Benson MAJ J. Smith	909 536
72-21 LR	OH-6A	OH-6A/Bifurcated Exhaust Duct	Jul 1972	MAJ R. Chaplin T. Benson	
72-24 LR	OH-58A	OH-58A/Insulated Infrared Exhaust Airworthiness Evaluation	Aug 1972	J. Watts S. Streutker	
72-26	S-67	Attack Helicopter High-Altitude Evaluation Blackhawk S-67 Helicopter	Jul 1972	G. Yamakawa A. Winn MAJ W. Horton	771 051
72-28	OH-6A	Engineering Flight Test OH-6A Helicopter with Cambered Tail Rotor Blades and Padel Force Compensators	Aug 1973	SP4 R. Anderson LTC R. Waddell	913 954
72-29	AH-1G	Instrument Flight Evaluation AH-1G Helicopter	Jul 1975	G. Skinner CPT M. Larsen SP4 G. Smith SP4 P. Bonin CW4 J. Reid LTC R. Waddell MAJ L. Hepler MAJ R. Merrill	A026 633
72-30	AH-1G	Engineering Flight Test AH-1G Helicopter with Model 212 Tail Rotor, Part I, Load Survey	Jun 1973	G. Skinner SP4 G. Smith MAJ L. Hepler PFC P. Bonin	776 359
72-30	AH-1G	Engineering Flight Test AH-1G Helicopter with Model 212 Tail Rotor, Part II, Performance and Handling Qualities	Sep 1973	J. Nagata G. Skinner SP4 G. Smith MAJ L. Hepler PFC P. Bonin	776 360
72-31 aka 72-34	Model 309	Sideward Flight, High-Altitude Evaluation and Simulated Engine Failures KingCobra Model 309 Attack Helicopter	Aug 1972	J. Nagata R. Jungel MAJ L. Hepler PFC G. Smith G. Skinner	A109 512
72-32 LR	OH-6A	OH-6A Autorotational Evaluation	Nov 1972	MAJ W. Griffith R. McClellan	
72-34		SEE USAAFFA PROJECT NO. 72-31			
72-35	OH-47C	Helicopter Icing Spray System Qualification	Oct 1973	J. Hayden E. Bailey J. Watts CPT L. Brewer	775 801
72-38 LR	OH-58A	OH-58A/ISTAR Airworthiness Evaluation	Dec 1972	MAJ R. Chaplin L. Bender	
72-39 LR	OH-47C	OH-47C Tandem Cargo Hook Demonstration	May 1973	J. Nagata CPT L. Brewer	
72-40	OH-54B	Limited Performance Tests OH-54B (TARHP) Helicopter	Feb 1973	J. Johnson V. Diekmann SP4 J. Johnson MAJ R. Merrill CW4 J. Reid	910 263

1972  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
72-43	AH-1Q	Airworthiness and Flight Characteristics Evaluation AH-1Q Helicopter	Jul 1973	G. Yamakawa CPT K. Schrantz 1LT M. Hanks SP4 A. Werner MAJ R. Merrill CW4 J. Reid	914 458
72-44	AH-56A	Engineering Evaluation AH-56A Compound Helicopter with Advanced Mechanical Control System	Mar 1973	J. Johnson C. Bender MAJ J. Burden	910 262

1973

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
73-01	UH-1H	Helicopter Lift Margin System and Low-Speed Performance Evaluation UH-1H Helicopter	Aug 1977	F. Dominick D. Belte R. Jefferis J. O'Connor A. Krynsky LTC W. Griffith	A060 553
73-02	OH-58A	Evaluation of the Teledyne Ryan Model 622 Terrain-Following Radar System Installed on an OH-58A Helicopter	Nov 1973	MAJ C. Hittag T. Benson CPT R. Tarr CW3 J. Hulse	775 806
73-04	CH-47C	Icing Tunnel Test Hot-Film Anemometer	Feb 1974	SP4 P. Bonin R. Jefferis	A005 044
73-04-1	CH-47C	Artificial Icing Tests CH-47C Helicopter	Aug 1974	MAJ C. Hittag CPT M. Hanks CPT J. O'Connor CPT L. Kronenberger	A004 008
73-04-2	AH-1G	Artificial Icing Tests AH-1G Helicopter	Nov 1974	R. Smith CPT M. Hanks MAJ C. Hittag CW4 J. Reid	A009 712
73-04-4	UH-1H	Artificial Icing Tests UH-1H Helicopter Part I	Jan 1974	R. Smith CPT M. Hanks CPT L. Brewer CW4 J. Reid LTC W. Griffith	779 502
73-04-4	UH-1H	Artificial Icing Tests UH-1H Helicopter, Part II: Heated Glass Windshield	Jan 1974	CPT M. Hanks MAJ C. Hittag 1LT M. Hawley LTC W. Griffith	779 503
73-04-7	AH-1Q	Artificial Icing Tests AH-1Q Helicopter (U)	Jan 1974	CPT M. Hanks CW4 J. Reid MAJ R. Merrill	911 589
73-05 :B	CH-47C	CH-47C Terminal Radar Area Correlator Experiment (TRACK)	Apr 1973	CPT L. Brewer	

1973  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
73-07 LR	UH-1H	Helicopter Night Landing System Airworthiness Evaluation	Jun 1973	MAJ R. Chaplin R. Smith	
73-09 LR	OV-1	NASA OV-1 Accident Investigation	Jun 1973	MAJ R. Chaplin LTC W. Griffith	
73-10	UH-1H	Tail Rotor Shaft Vibration Survey, Production UH-1H Helicopter	Jul 1974	E. Laing CPT M. Hawley CPT A. Weand	A002 574
73-41		Instrumentation Specification for Climatic Laboratory Tests	Aug 1973	K. Ferrell T. Lynch	771 053
73-71		Minutes of AVSCOM Helicopter IPR Conference	Jan 1973		

1974

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
74-02	AM-1G	AM-1G Helicopter Main Rotor Flow Survey	Apr 1978	B. Bolrun E. Balles R. Jefferie MAJ J. Arnold CWO J. Meise	A057 443
74-06-1	YUH-60A	Government Competitive Test, Utility Tactical Transport Aircraft System (UTTAS) Sikorsky, YUH-60A Helicopter	Nov 1976	J. Nagata C. Skinner S. Kolwey R. Buchanin MAJ C. Hittag LCDR M. Coumotes CWO J. Meise	8059 738L
74-06-2	YUH-61A	Government Competitive Test, Utility Tactical Transport Aircraft System (UTTAS) Boeing-Vertol, YUH-61A Helicopter	Nov 1976	A. Winn MAJ J. Jenks P. Duprespero CPT E. Tavaras CPT J. O'Connor LCDR J. Ludwig	8055 081L
74-07-1	YAH-63	Development Test I Advanced Attack Helicopter Competitive Evaluation Bell YAH-63 Helicopter	Dec 1976	G. Bender V. Diekmann CPT M. Mathews R. Smith MAJ C. Thomas R. Wersbacher MAJ J. Arick CPT J. Arnold	A109 531
74-07-2	YAH-64	Development Test I Advanced Attack Helicopter Competitive Evaluation Hughes YAH-64 Helicopter	Dec 1976	MAJ R. Stewart MAJ R. Tarr 1LT M. Hill B. Bolrun T. Benson E. Balles W. Abbott	A109 532

1974  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
74-10 LR	AH-1G	AH-1G Heavyweight Autorotational Evaluation	Jan 1974	MAJ L. Hepler G. Yamakawa	785 553
74-10	AH-1G	Engineering Flight Test AH-1G Helicopter Heavyweight Autorotational Evaluation	May 1974	G. Yamakawa 1LT L. Free J. Watts MAJ L. Hepler	785 553
74-13	UH-1H	Artificial Icing Tests, Lockheed Advanced Ica Protection System Installed on a UH-1H Helicopter	Jun 1975	CPT L. Kronenberger CPT M. Hanks MAJ R. Merrill	B007 244L
74-16 LR	BO-105C	BO-105C Evaluation	Jan 1975	CPT M. Mathews	
74-19	AH-1G	Weight-Velocity Test AH-1G Helicopter at Heavy Gross Weight, Low Elevation	Jun 1974	1LT L. Free MAJ L. Hepler	A034 424
74-20	OV-10	Hot Brick III Airworthiness Evaluation OV-10 Airplane	Nov 1974	D. Macpherson CWA J. Reid	A012 202
74-21	Model 200	Army Preliminary Evaluation I Model 200 Coffy Lancer	Jun 1974	T. Benson CPT M. Hawley G. Yamakawa MAJ L. Brewer	A009 713
74-21	Model 200	Army Preliminary Evaluation II Model 200 Coffy Lancer	Aug 1974	G. Yamakawa T. Benson MAJ L. Brewer	A009 714
74-22	JOH-58A	Engineering Evaluation JOH-58A Helicopter with an Automatic Engine Relight System	Jun 1975	T. Benson R. Buchanan MAJ C. Mittag	A019 407
74-23	UH-58A	Handling Qualities Evaluation OH-58A Helicopter Incorporating a Ministab 3-Axis Stability Augmentation System	Feb 1975	E. Balles R. Buchanan MAJ C. Mittag	A033 827
74-25 LR	T-42A	T-42A Single-Engine Operation and Stall Evaluation	Feb 1974	MAJ W. Morton SP4 P. Bonin	
74-27 LR	OH-47C	OH-47C Prototype Infrared Countermeasures (ICRM) Airworthiness Demonstration	Jun 1974	MAJ W. Morton J. Nagata SP4 P. Bonin	
74-30	Model 214A	Airworthiness and Flight Characteristics Evaluation, Iranian Model 214A Helicopter	Jul 1975	LTC W. Morton G. Bender 1LT L. Free CPT J. O'Connor J. Nagata CPT E. Ward	B014 2181
74-31	UH-1H	Natural Icing Tests, UH-1H Helicopter	Jun 1974	LTC W. Griffith CPT M. Hanks MAJ C. Mittag CWA J. Reid	A002 607
74-32	Model 214A	Climatic Laboratory Evaluation, Iranian Model 214A Helicopter	Aug 1976	MAJ E. Ward CWA J. Coleman D. Balte E. Harris	B015 2175
74-33	YAH-1B	Army Preliminary Evaluation YAH-1B Improved Cobra Agility and Maneuverability Helicopter	May 1975	P. Dammick E. Smith MAJ E. Stewart	A 18 425

1974  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
74-33	YAH-1R	Army Preliminary Evaluation, YAH-1R Improved Cobra Agility and Maneuverability Helicopter Addendum	Aug 1975	F. Dominick R. Smith MAJ R. Stewart	A024 850
74-34	YAH-1S	Airworthiness and Flight Characteristics Evaluation, YAH-1S Improved Cobra Agility and Maneuverability Helicopter	Aug 1975	G. Skinner W. Abbott CPT R. Tarr	A025 476
74-35	RU-21H	Guardrail IIA RU-21H Evaluation	Jul 1974	G. Yamakawa T. Benson MAJ L. Brewer	A004 009
74-36	RV-1D	Army Preliminary Evaluation I, RV-1D/Quick Look II Aircraft	Aug 1974	G. Bender CPT J. O'Connor	A005 220
74-48	OH-58A	Evaluation of an OH-58A Helicopter with an Allison 250-C20B Engine	Apr 1975	T. Benson R. Buckanin MAJ C. Mittag CPT J. Jenke	A018 861
74-77		Rotary Wing Icing Symposium Summary Report Volume I Volume II Volume III	Jun 1974	COL D. Wright Commander	A061 445 A061 422 A061 423
74-87		Flight Evaluation of Non-dimensional Static Longitudinal Stability Test Methods	Jul 1979	B. Boirun K. Ferrell MAJ J. Jenke	A082 831
74-94		An Advanced Instrumentation and Data Analysis System for Army Flight Testing <u>Study</u>	Jul 1973	R. Lewis	882 771

1975

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
75-01	AH-1G	Performance and Handling Qualities AH-1G Helicopter Equipped with Three Metal/Plume Infrared Suppressors Not	Apr 1975	A. Winn MAJ R. Stewart	A019 482
75-03	RU-21A	Flying Qualities Evaluation RU-21A CEFIR LEADER Airplane	Dec 1974	J. Johnson CPT M. Hawley MAJ R. Stewart	
75-04	CH-47C	Modified Helicopter Icing Spray System Evaluation	Mar 1977	G. Bender CPT M. Mathews CW4 J. Tulloch	A055 039
75-05 LR	CH-147 (CH-47C)	Qualitative Army Preliminary Evaluation of the Canadian Production CH-147 Helicopter	Oct 1974	MAJ W. Horton J. Watts	
75-06 LR	CH-47C	Letter of Effort, CH-47C, Active Arm External Load Stabilization System (AELSS) II Flight Evaluation Program	Apr 1976	CPT G. Nepereny	

1975  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
75-08	C-12A	Airworthiness and Flight Characteristics Evaluation C-12A Aircraft	Oct 1976	V. Diekmann R. Smith J. Watts MAJ J. Hannon CPT W. Norton	A040 239
75-09	AH-1G	Performance and Handling Qualities Evaluation AH-1G Helicopter with Low Reflective Infrared/Optical Paint	Aug 1975	A. Winn 1LT E. Tavares MAJ R. Stewart G. Skinner	A021 407
75-10	U-21A	Airworthiness and Qualification Evaluation U-21A Airplane with Low Reflective Paint and Hot Metal Suppressors	Jan 1976	R. Smith CPT W. Norton	A047 656
75-11	JOH-58A	Army Preliminary Evaluation, JOH-58A Helicopter with Low Reflective Paint and Infrared Countermeasure Exhaust System	Dec 1975	T. Benson MAJ C. Thomas R. Buckanin	A024 727
75-12-1	YUH-60A	Climatic Laboratory Evaluation, Utility Tactical Transport Aircraft System (UTTAS) Sikorsky, YUH-60A Ground Test Vehicle	Jul 1977	MAJ R. Ward J. Givens E. Walbey CW4 R. Seefeldt	B033 049L
75-12-2	YUH-61A	Climatic Laboratory Evaluation, Utility Tactical Transport Aircraft System (UTTAS) Boeing-Vortol, YUH-61A Ground Test Vehicle	Jul 1977	D. Belte R. Followill R. Seefeldt D. Wallis	B031 052L
75-15 LR	OV-1C	Advanced Report, Engineering Flight Evaluation, OV-1C Aircraft Equipped with Angle-of-Attack/Stall Warning System	May 1976	CPT G. Nepereny MAJ R. Stewart	
75-17-1	AH-1G	Flight Evaluation, Pacer Systems, Low-Ranga Airspeed System, LORAS 1000	May 1977	W. Abbott B. Bolrun CPT G. Hill CPT E. Tavares	A045 222
75-17-2	AH-1G	Flight Evaluation, J. TEC VT-1003 Vector Airspeed Sensing System	May 1977	W. Abbott CPT S. Spring MAJ R. Stewart	A046 553
75-17-3	NUH-1M	Flight Evaluation Rosemount Low Ranga Orthogonal Airspeed System with 853 Sensor	Mar 1977	W. Abbott MAJ J. Guin	A046 491
75-18	YAH-1Q	Army Preliminary Evaluation, YAH-1Q Helicopter with a Flat Plate Canopy	Aug 1975	1LT L. Free CPT J. Arnold	A020 111
75-18	YAH-1Q	YAH-1Q Flat Plate Canopy Follow-on Evaluation	Feb 1976	CPT J. Arnold	
75-19-1	AH-1G	Low Airspeed Sensor Location Tests AH-1G Helicopter	Feb 1977	K. Ferrell B. Bolrun CPT G. Hill	A052 467
75-19-2	AH-1G	Flight Evaluation Honeywell Ultrasonic Wind Vector Sensor System Fire Control Wind Sensor Report	Jun 1976	CPT G. Hill CW3 J. Meiss B. Bolrun	A052 467
75-20	YOH-58A	Army Preliminary Evaluation, YOH-58A Helicopter with Flat-Plate	Dec 1975	G. Skinner CPT J. Arnold	A024 501
75-21 LR	YAH-1R	Letter of Effort, YAH-1R Internal Agility/IR	Mar 1977	MAJ R. Stewart	

1975  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
75-22 LR	NUH-1M	Letter of Effort, Engine Characteristics Test	Jun 1977	F. Dominick	
75-24	JOH-58A	Integrated Controller Evaluation	Sep 1976	CPT J. Arnold CPT M. Mathews MAJ C. Thomas	A035 064
75-25 LR	AH-1G	Letter of Effort, Qualitative Evaluation of AH-1G with Kaiser Ministab	Oct 1975		
75-26	JUH-1H	Lockheed Advanced Ice Protection System	May 1976	CPT L. Kronenberger	
75-27 LR	JUH-1H	Letter of Effort, Qualitative Evaluation of JUH-1H with Kaiser 3-Axis MINISTAB	Jan 1976		
75-28 LR		Letter of Effort, Phase II of Joint Acoustic Test Program with AMRDL/AMES	Jan 1976	CPT J. Arnold	

1976

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
76-02	Model 214C	Performance and Systems Evaluation Iranian Model 214C Helicopter	Mar 1977	G. Yamakawa R. Woratschek CPT S. Spring	8027 647L
76-03	C-12A	Landing Gear Capability Tests	Mar 1977	V. Diekmann J. Watts	A046 554
76-04		SEE USAAEFA PROJECT NO. 75-26			
76-07	YAH-1R	Army Preliminary Evaluation, Improved Main Rotor Blade Installed on a YAH-1R Helicopter	Jun 1977	J. Watts F. Dominick MAJ J. Guin	A072 830
76-08	YAH-1R	Airworthiness and Flight Characteristics Evaluation Improved Main Rotor Blade Installed on a YAH-1R Helicopter	Nov 1977	G. Yamakawa J. Niemann R. Smith R. Woratschek MAJ J. Jenks CPT W. Norton CW4 J. Tulloch	A074 895
76-09-1	YUH-60A	Artificial Icing Test, Utility Tactical Transport Aircraft System (UTTAS), Sikorsky YUH-60A	Feb 1977	R. Buckanin CW4 J. Tulloch	A109 530
76-09-2	YUH-61A	Artificial Icing Test, Utility Tactical Transport Aircraft System (UTTAS), Boeing-Vertol YUH-61A Helicopter	Jan 1977	CPT J. O'Connor CPT E. Tavares MAJ J. Hagen	
76-10 LR	OV-1D	OV-1D Low Reflective Paint Evaluation	undated	J. Watts	
76-11-1	OH-58C	Preliminary Airworthiness Evaluation OH-58C Helicopter	Mar 1978	G. Yamakawa MAJ J. Hagen R. Buckanin CPT T. Burch	A071 699

1976  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
76-11-2	OH-58C	Airworthiness and Flight Characteristics OH-58C Interim Scout Helicopter	Apr 1979	MAJ S. Spring CPT T. Burch R. Buckanin J. Niemann	A080 138
76-13	NUH-1H	Airworthiness Evaluation NUH-1H Helicopter with Global Positioning System	May 1977	T. Benson MAJ C. Thomas	A047 971

1977

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
77-02 LR		Temperature Effects of Sunlight on Helicopter Rotor Blades	Feb 1977	MAJ M. Mathews	
77-04	YAH-1S	Army Preliminary Evaluation, YAH-1S, Helicopter with Modified Flat Plate Canopy Installed	Aug 1977	MAJ J. Arnold MAJ J. Guin CW4 J. Bishop G. Skinner	A066 573
77-05	U-21A	Icing Evaluation U-21A Airplane with Low Reflective Paint	May 1977	T. Benson R. Woratschek MAJ C. Thomas MAJ R. Stewart	A046 852
77-07	TS-2A	TS-2A Air Tanker Evaluation, Phase II	May 1978	J. Watts E. Bailes MAJ S. Spring MAJ J. Guin	A060 940
77-09	UH-1H	Preliminary Airworthiness Evaluation, UH-1H Helicopter Equipped with Multiple Target Electronic Warfare System (MULTEWS)	May 1978	V. Diekmann MAJ M. Mathews MAJ S. Spring MAJ J. Hagen CW4 J. Tulloch	A078 476
77-10 LR	UH-1H	Qualitative Evaluation of Flying Qualities of a UH-1H Helicopter with GE Infrared Exhaust Suppressor Installed	Jul 1977	MAJ R. Stewart	
77-11	OH-58A	Flight Evaluation, MK II Integrated Controller Installed on an OH-58 Helicopter	Apr 1978	MAJ J. Hagen CPT P. Moe R. Woratschek	A065 072
77-14 LR		Letter of Effort, Lightweight Launcher Vibration Study	Jun 1977	MAJ C. Thomas T. Benson MAJ P. Moe	
77-15	EH-1H	Preliminary Airworthiness Evaluation, EH-1H Helicopter Quick Fix, Phase 1A	Oct 1977	MAJ J. Guin R. Buckanin	A058 785
77-17-3 LR	UH-60A	Letter Report UH-60A Aft CG	Aug 1980	CPT M. Hanks MAJ B. Picasso J. Niemann K. Flaig	

1977  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
77-17-5 LR	UH-60A	Report, Experimental Testing of the UH-60A Black Hawk Helicopter at Heavy Gross Weight and Extended Forward Center of Gravity	Nov 1981	R. Buckanin MAJ R. Robbins MAJ J. Benson CPT R. Vincent	
77-18	YUH-60A	Preliminary Airworthiness Evaluation, YUH-60A Black Hawk Helicopter with Electronic Flight Control System	Jan 1978	A. Winn MAJ C. Mittag CW4 J. Bishop J. Nagata	
77-19	RU-21H	Preliminary Airworthiness Evaluation, RU-21H Guard Rail V Aircraft	Mar 1978	J. Niemann R. Smith CPT W. Norton MAJ F. Doten	A068 347
77-20	U-21A	Evaluation of Experimental Radio Meteorological Measurement Package Antenna Installed on a U-21A Wing	May 1977	MAJ C. Mittag	
77-22	OV-1D	Preliminary Airworthiness Evaluation, OV-1D Airplane with AN/ALQ 147 XE-1 and XE-2 Systems Installed	Feb 1978	MAJ R. Ward G. Yamakawa MAJ R. Tarr	
77-23	UH-60A	Production Validation Test-Government (PVT-G) Performance Guarantees UH-60A Black Hawk Helicopter	Oct 1979	G. Yamakawa G. Bender R. Buckanin CPT R. Robbins E. Bailes CW4 J. Tulloch	
77-24 LR	CH-47C	CH-47C Inlet Flow Distortion Evaluation	May 1978	MAJ J. Guin	
77-25	AH-1S	Preliminary Airworthiness Evaluation, AH-1S Helicopter with Ogee Tip Shape Rotor Blades	May 1980	G. Bender R. Woratschek D. Ottomeyer H. Arnals MAJ L. Higgins CW4 J. Tulloch	A089 625
77-26 LR	OH-58C	OH-58C Rain Removal System Test	Oct 1977	MAJ J. Hagen	
77-27 LR		Letter of Effort, Hellfire Launcher Vibration Survey	Oct 1977	CPT P. Mos	
77-29 LR	CH-47C	Airworthiness and Flight Characteristics Evaluation, CH-47C Helicopter with T55-L-712 Engines	Aug 1978	MAJ R. Tarr MAJ J. Guin G. Skinner	
77-30	UH-1H	Artificial Icing Test Ice Phobic Coatings on UH-1H Rotor Blades	Jun 1978	CW4 J. Tulloch R. Smith MAJ F. Doten CW4 J. Bishop	A059 875
77-31	CH-47C	Preliminary Airworthiness Evaluation CH-47C with Fiberglass Rotor Blades (with T55-L-712 Engines)	Apr 1979	MAJ S. Spring J. Niemann MAJ G. Wilson	A069 891
77-32	Model 214A	Limited Airworthiness and Flight Characteristics Evaluation Model 214A Helicopters with Fiberglass Rotor Blades	May 1979	MAJ J. Guin G. Bender E. Bailes CPT R. Robbins	A071 271

1977  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
77-33	AH-1S	Preliminary Airworthiness Evaluation, AH-1S Helicopter Equipped with Garrett Infrared Radiation Suppressor System and AN/ALO-144 Jammer	May 1978	G. Bender E. Bailes LTC C. Frankenberger MAJ S. Spring	A067 757
77-34 LR	OH-58A	Preliminary Airworthiness Evaluation OH-58A/XM-130 Chaff Dispenser	Dec 1977	G. Bender CPT T. Burch	
77-35 LR	AH-1S	AH-1S/XM-130 Chaff Dispenser, Preliminary Airworthiness Evaluation	Mar 1978	J. Niemann CPT T. Burch	
77-36	YAH-64	Engineering Design Test 1, Hughes YAH-64 Advanced Attack Helicopter	Sep 1978	MAJ R. Terr V. Diekmann MAJ R. Stewart R. Woratechek	A064 359
77-37 LR	Model 214A	Handling Qualities Test on a Model 214A Helicopter	Dec 1977	CPT S. Spring	
77-38	AH-1S	Production Validation Test - Government Kaman K747 Improved Main Rotor Blade	Oct 1979	V. Diekmann MAJ G. Mullen CW4 J. Tulloch T. Benson CPT F. Bowens R. Woratechek	A097 689

1978

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
78-01 LR	UH-60A	UH-60A Command Instrument System Preliminary Evaluation	Mar 1978	LTC W. Griffith MAJ R. Stewart	
78-02	AH-1G	Preliminary Airworthiness Evaluation, AH-1G with the Airborne Target Acquisition Fire Control System and the Hellfire Modular Missile System Installed	Jul 1979	MAJ P. Hoe R. Smith	A078 340
78-03	AH-1S	Preliminary Airworthiness Evaluation, AH-1S Helicopter Installed with Enhanced Cobra Armament System (AH-1S/ECAS)	Feb 1979	CPT P. Hoe R. Smith CW3 R. Williams R. Woratechek	A071 343
78-04 LR	UH-1H	Preliminary Airworthiness Evaluation UH-1H Helicopter with Interim-Interim-Standoff Target Acquisition System (I <sup>2</sup> SUTAS)	Jul 1978	J. Nagata MAJ J. Hagen	
78-05 LR	UH-60A	Letter Report, Artificial and Natural Icing Tests Production UH-60A	Oct 1979	CW4 J. Tulloch LTC G. Mullen D. Belte	
78-07	OV-1C	Airworthiness and Flight Characteristics Test OV-1C Takeoff Performance	May 1979	R. Smith J. Watts J. Niemann MAJ J. Guin G. Yamahara	A069 827

1978  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
78-09	OH-58C	Preliminary Airworthiness Evaluation OH-58C Helicopter with a Mast Mounted Sight	May 1980	CW4 J. Bishop CPT M. Hanks T. Benson A. Arrigo	A094 172
78-10	AH-1G	AH-1G Helicopter, 19-Round Lightweight Airborne Launcher Jettison Envelope Determination	Mar 1979	C. Skinner MAJ F. Doten	A069 828
78-11 LR	YUH-60A	Preliminary Airworthiness Evaluation IIA YUH-60A Helicopter with Production Avionics, Electronic Flight Control System and Command Instrument Systems	Dec 1978	CW4 J. Bishop CPT T. Burch CW3 R. Williams	
78-12 LR	OH-58C	Letter Report Airworthiness and Flight Characteristics Test of OH-58C with XM-130 Chaff Dispenser System	Feb 1981	MAJ R. Carpenter G. Yamakawa	
78-15 LR	AH-1S	Preliminary Airworthiness Evaluation Production AH-1S Helicopter Equipped with AN/ALQ-136 (XE-2) Countermeasures System	Aug 1978	LTC C. Frankenberger T. Benson	
78-16 LR	AH-1S	Preliminary Airworthiness Evaluation Modified AH-1S Helicopter Equipped with AN/ALQ-136 Countermeasures System	Aug 1978	LTC C. Frankenberger T. Benson	
78-17-1	JAH-1S	Airworthiness Demonstration, JAH-1S PNVS Surrogate Trainer (Martin-Marietta) COMP SENS	May 1979	CPT T. Burch R. Smith	
78-17-2	JAH-1S	Airworthiness Demonstration, JAH-1S PNVS Surrogate Trainer (Northrop) COMP SENS	Aug 1979	MAJ F. Doten CPT F. Bowers	
78-18	CH-47C	Artificial Icing Tests with CH-47C Helicopter with Fiberglass Rotor Blades	Jul 1979	J. Niemann CPT F. Bowers MAJ S. Spring	A081 860
78-19	OV-1C	Airworthiness and Flight Characteristics OV-1C with Angle-of-Attack/Stall Warning and Speed Control System	Apr 1979	MAJ K. Tarr C. Skinner	
78-21 LR	UH-1H	Artificial and Natural Icing Tests for Qualification of UH-1H Kit A Aircraft	Aug 1979	MAJ G. Wilson K. Wofatschek	
78-21-2	UH-1H	Microphysical Properties of Artificial and Natural Clouds and Their Effects on UH-1H Helicopter Icing	Aug 1979	MAJ G. Wilson K. Wofatschek	A094 633
78-22 LR	UH-60A	Preliminary Airworthiness Evaluation III UH-60A Black Hawk Helicopter	Apr 1979	J. Nagata CW4 J. Bishop CW3 K. Williams C. Skinner	
78-23	YAH-64	Engineer Design Test 2 Hughes YAH-64 Advanced Attack Helicopter	Jun 1979	V. Diekmann T. Benson K. Wofatschek S. Snakenberg MAJ K. Tarr MAJ P. Noe CW3 R. Williams	A098 923

1979

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
79-01 LR	AH-1S	Letter Report, Preliminary Airworthiness Evaluation of AH-1S with Fixed Wings Removed	Oct 1979	V. Diekmann LTC C. Mullen	
79-02	JUH-1H	JUH-1H Ice Phobic Coating Icing Tests	Jul 1980	MAJ P. Morris R. Woratschek	A096 361
79-02-2	CH-47C	Helicopter Icing Spray System (NISS) Nozzle Improvement Evaluation	Sep 1981	D. Belte	A109 405
79-03	AH-1S	AH-1 Lightweight Airborne Launcher Jettison Evaluation		MAJ L. Higgins D. Ottomeyer	A101 461
79-04 LR	AH-1S	Letter Report of Preliminary Airworthiness Evaluation of Production AH-1S Helicopter with 90 degree Gearbox and Skid Cross-Tube Fairings Removed	Mar 1980	R. Woratschek MAJ P. Morris	
79-06	YCH-47D	Preliminary Airworthiness Evaluation 1 (PAE 1) of the YCH-47D Helicopter	May 1980	J. Niemann MAJ G. Wilson MAJ C. Adam CPT F. Bowers S. Arthur	A092 633
79-08	AH-1S	AH-1S PRODUCTION Airworthiness and Flight Characteristics for Instrument Flight	Nov 1980	CW4 J. Tulloch D. Ottomeyer LTC C. Frankenberger MAJ B. Piceaso	A100 946
79-09	AH-1S	Preliminary Airworthiness Evaluation AH-1S (Prod) Helicopter with a Substitute Straight Exhaust Pipe	Jun 1980	MAJ P. Morris LTC C. Frankenberger J. Niemann R. Woratschek	A092 614
79-10 LR	OV-1D	Airworthiness and Flight Characteristics Evaluation OV-1D with Angle-of-Attack/Stall Warning System	Oct 1979	MAJ G. Wilson LTC C. Frankenberger CPT F. Bowers	
79-11 LR	UH-60A	Letter Report Preliminary Airworthiness Evaluation (PAE) IIIA, UH-60A Helicopter with the Infrared (IR) Reduction Subsystem	Dec 1979	J. Nagata LTC G. Mullen CW3 R. Williams G. Skinner	
79-12 LR	OH-58C	Letter Report, OH-58C Directional and Longitudinal Control Mapping Evaluation	Mar 1981	CW4 J. Bishop T. Benson D. Ottomeyer	
79-14 LR	AH-1S	Letter Report AH-1S Helicopter Tail Boom 3-Way Temperature Survey	Oct 1979	J. Niemann MAJ P. Morris	
79-15 LR	OH-58C	Preliminary Airworthiness Evaluation, OH-58C Helicopter with Installed Bell Helicopter Textron Model 206L-1 Tail Rotor	Dec 1979	T. Benson CW4 J. Bishop	
79-16 LR	AH-1S	Letter of Effort and Data Transmittal AH-1S Main Transmission Top Cover Flange Stress Measurements Evaluation	Oct 1979	R. Woratschek	
79-18 LR	OH-58C	Letter Report Preliminary Airworthiness Evaluation OH-58C Helicopter with 206L-1 Tail Rotor and Bell Helicopter Textron 570B Stability and Control Augmentation System	Jul 1980	T. Benson CW4 J. Bishop D. Ottomeyer MAJ J. Benson	

1979  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
79-19	UH-60A	Artificial and Natural Icing Tests Production UH-60A Helicopter	Jun 1980	CPT M. Hanks MAJ L. Higgins V. Diekmann	A090 527 A096 239
79-22 LR	Hughes 500D	Potential Airworthiness Evaluation of the Hughes 500D	Jul 1980	MAJ B. Picasso CW4 J. Tulloch G. Bender D. Ottomeyer	
79-23 LR	OH-58C	Letter Report Preliminary Airworthiness Evaluation OH-58C Configured with a Wire Strike Protection System	Jun 1980	MAJ J. Benson T. Benson	
79-24A LR	UH-60A	Report Flight Evaluation of UH-60 with the Roll Trim Actuator Disconnected	Dec 1981	G. Skinner MAJ J. Benson D. Macpherson	
79-86	UH-1H	Ice Phobics Blade Tracking and Comparison of Vibration Analysis Techniques	May 1981	W. Abbott F. Dominick S. Arthur	A108 121

1980

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
80-01 LR	OV-1C	Letter Report OV-1C (Short Wing) Fuel Siphoning Evaluation	Apr 1980	MAJ R. Carpenter	
80-02 LR	Model 249	Letter Report Preliminary Airworthiness Evaluation (PAE) of Bell Helicopter  Textron (BHT) Model 249 Cobra	Aug 1980	G. Yamakawa MAJ B. Picasso  J. Brown	
80-03	YAH-64	Engineering Development Test 4, YAH-64 Advanced Attack Helicopter	Jan 1980	G. Bender MAJ B. Picasso MAJ L. Higgins V. Diekmann D. Ottomeyer	A098 922
80-04 LR	CH-47C	Helicopter Icing Spray System (HISS) Evaluation and Improvements	Jun 1981	R. Wuratschek LTC G. Wilson	
80-05 LR	YCH-47D	Letter Report Preliminary Airworthiness Evaluation (PAE) II of the YCH-47D with Modified Advanced Flight Control	Jul 1980	LTC G. Wilson MAJ C. Adams J. Niemann	
80-06	UH-1H	Preliminary Airworthiness Evaluation of UH-1H with Hot Metal Suppressor and Infrared Jammer	Jun 1981	MAJ B. Picasso CPT L. A. Neworth D. Ottomeyer CPT W. Vincent	A110 213
80-11 LR	AM-15	Letter Report Drag Characteristics Evalua- tion of Prototype Hellfire Modular Missile System (HMMS) Launcher	Nov 1980	G. Bender CW4 J. Tulloch	
80-11-2 LR	AM-15	Letter Report Drag Characteristics Evalua- tion of Prototype Hellfire Modular Missile System (HMMS) Launcher - Masking/Unmasking	Nov 1980	G. Bender MAJ B. Picasso D. Ottomeyer	

1980  
(Continued)

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
80-12 LR	YAH-64	Engineer Design Test, Government EDT-5 of the Advanced Attack Helicopter (AAH)	Mar 1981	MAJ P. Morris D. Ottomeyer	
80-14	UH-60A	Limited Artificial and Natural Icing Tests Production UH-60A Helicopter (Re-evaluation)	Aug 1981	MAJ M. Hanks V. Diekmann MAJ J. Benson	A112 582
80-15 LR	OH-58C	Preliminary Airworthiness Evaluation of the OH-58C Helicopter with Fixed Short Landing Gear with Two Position Landing Gear	Jul 1981	LTC R. Ward MAJ J. Benson G. Yamakawa	
80-16 LR	OV-1D	Letter Report Limited Artificial Icing Tests of the OV-1D	Jul 1981	E. Gilmore CPT R. Robbins	
80-18 LR	Model 500D	Memo for Record, Preliminary Airworthiness Evaluation (PAE), of Hughes Helicopters (HH) 500MD Modified to a Light Combat Helicopter (LCM)	Feb 1981	CW4 M. Williams W. Norton R. Buckanin	
80-19 LR	JCH-58C	Report Preliminary Airworthiness Evaluation of JCH-58C Modified to a Light Combat Helicopter with a M197 20MM Gun	Jun 1981	G. Yamakawa CPT A. Marshall MAJ R. Carpenter	
80-20 LR	AN-18	Letter Report AN-18 Vibration Evaluation	Mar 1981	CW3 J. Webre MAJ B. Picasso G. Bender G. Yamakawa	
80-21 LR	OH-58C	Preliminary Airworthiness Evaluation of OH-58C Expanded Gross Weight and Lateral CG Envelope	May 1981	MAJ J. Benson G. Yamakawa	

1981

Project Number	Aircraft Type	Report Title	Pub. Date	Author(s)	AD Number
81-05 LR	OH-58C	Report OH-58C Wire Strike Protection System (WSPS) Lower Cutter Ground Contact Investigation	Jul 1981	LTC R. Ward MAJ J. Benson	
81-07	OH-58C	Airworthiness and Flight Characteristics of an OH-58C Configured to a Light Combat Helicopter (LCM)	Oct 1981	MAJ A. Marshall LTC R. Ward R. Moratchek	A112 581
81-08 LR	RU-21H	Report Preliminary Airworthiness Evaluation of the RU-21H Guardrail V Single Engine Climb Performance and Static V <sub>MC</sub> Performance	Oct 1981	MAJ M. Hanks MAJ B. Underwood CW3 J. Webre G. Yamakawa	
81-10 LR	JCH-58A	Report Preliminary Airworthiness Evaluation of JCH-58A with Composite Tail Boom	Sep 1981	MAJ M. Stratton J. Niemann	
81-19 LR	EN-1X	EN-1X Qualitative Flight Evaluation	Dec 1981	CW4 M. Williams G. Yamakawa	
81-20 LR	UH-60A	Report, UH-60A Engine and APU Exhaust Gas Temperature Survey	Dec 1981		

BEECH AIRCRAFT CORPORATION

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
T-34B	63-38	Evaluation of the U.S. Forest Service T-34B Airplane with Smoke Generator Installed	Sep 1963	J. Kidwell	951 583
T-42A	74-25 LR	T-42A Single-Engine Operation and Stall Evaluation	Feb 1974	MAJ W. Horton SP4 P. Bonin	
U-8	70-32 LR	Letter Report, U-8 Aircraft Procedures Evaluation	Dec 1970	K. Ferrell	
RU-8D	68-51 LR	Letter Report Airworthiness Qualification Test RU-8D Airplane (Winebottle Configuration)	Jul 1969	CW4 W. Connor	857 693
RU-8D	68-51	Airworthiness and Flight Qualification Tests RU-8D Airplane Winebottle Configuration, Phase II	Oct 1970	LTC J. Wing S. Dorris LTC D. Boyle CW4 W. Connor	876 954
U-21A	66-14	Engineering Flight Test U-21A Airplane Phase B and Limited Phase D	Oct 1969	MAJ A. Darling MAJ W. Welter	951 584
U-21A	75-10	Airworthiness and Qualification Evaluation U-21A Airplane with Low Reflective Paint and Hot Metal Suppressors	Jan 1976	R. Smith CPT W. Norton	A147 656
U-21A	77-05	Icing Evaluation U-21A Airplane with Low Reflective Paint	May 1977	T. Benson R. Woratschek MAJ C. Thomas MAJ R. Stewart	A146 852
U-21A	77-20	Evaluation of Experimental Radio Meteorological Measurement Package Antenna Installed on a U-21A Wing	May 1977	MAJ C. Hittag	
RU-21A RU-21B RU-21C	69-18 LR	CEPFORM Leader Airworthiness Qualification Test RU-21-ABC Aircraft	Dec 1970	LTC J. Wing	
RU-21A	75-03	Flying Qualities Evaluation RU-21A CEPFORM LEADER Airplane	Dec 1974	J. Johnson CPT H. Hawley MAJ R. Stewart	A109 514
RU-21B RU-21C	67-25	Engineering Flight Test, RU-21B and RU-21C Aircraft Army Preliminary Evaluation	Mar 1970	CPT J. Brecker LTC G. Swerker MAJ R. Melt	884 281
RU-21B RU-21A RU-21C	69-18 LR	CEPFORM Leader Airworthiness Qualification Test RU-21-ABC Aircraft	Dec 1970	LTC J. Wing	
RU-21B RU-21C	71-67 LR	CEPFORM LEADER RU-21B and RU-21C Airworthiness Tests	Sep 1972	MAJ R. Chaplin SP4 J. Lehman	
RU-21C RU-21B	67-25	Engineering Flight Test, RU-21B and RU-21C Aircraft Army Preliminary Evaluation	Mar 1970	CPT J. Brecker LTC G. Swerker MAJ R. Melt	884 281
RU-21C RU-21B	71-67 LR	CEPFORM LEADER RU-21B and RU-21C Airworthiness Tests	Sep 1972	MAJ R. Chaplin SP4 J. Lehman	
RU-21E	72-11 LR	Modified LEFT-FOOT RU-21E Direction Finding (DF) Demonstration	Jun 1972	MAJ R. Chaplin PFC C. Smith	

**BEECH AIRCRAFT CORPORATION**  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
RU-21H	74-35	Guardrail IIA RU-21H Evaluation	Jul 1974	G. Yamakawa T. Benson MAJ L. Brewer	A004 009
RU-21H	77-19	Preliminary Airworthiness Evaluation, RU-21H Guard Rail V Aircraft	Mar 1978	J. Niemann R. Smith CPT W. Norton MAJ F. Doten	A068 347
RU-21H	81-08 LR	Report Preliminary Airworthiness Evaluation of the RU-21H Guardrail V Single Engine Climb Performance and Static V <sub>MC</sub> Performance	Oct 1981	MAJ H. Hanks MAJ D. Underwood CWJ J. Webb G. Yamakawa	
Model 200	74-21	Army Preliminary Evaluation I Model 200 Cofly Lancer	Jun 1974	T. Benson CPT M. Hawley G. Yamakawa MAJ L. Brewer	A009 713
Model 200	74-21	Army Preliminary Evaluation II Model 200 Cofly Lancer	Aug 1974	G. Yamakawa T. Benson MAJ L. Brewer	A009 714
C-12A	75-08	Airworthiness and Flight Characteristics Evaluation C-12A Aircraft	Oct 1976	V. Diekmann R. Smith J. Matte MAJ J. Hannon CPT W. Norton	AJ40 239
C-12A	76-03	Landing Gear Capability Tests	Mar 1977	V. Diekmann J. Matte	A046 554

**BELL HELICOPTER CORPORATION**

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
HV-1	62-01	Pilot Evaluation of the Bell Model HV-1 Vertical Take-Off and Landing Aircraft	Feb 1962	MAJ E. Kleever	DB4 870

BREGUET AVIATION  
(France)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
Model 941	63-06 aka 63-85	Flying Qualities and Performance Evaluation of the Breguet 941 Turbo-Prop Troup Transport	Jan 1964	CPT M. Antoniou	951 590

CANADAIR, LTD  
(Canada)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
CL-215	72-02 LR	Limited Evaluation of Canadair's CL-215 Water Bomber/Utility Aircraft	Nov 1970	MAJ W. Molasek	
CL-215	72-02	Limited Evaluation Canadair CL-215 Amphibious Airplane	Oct 1972	MAJ J. Alvie MAJ R. Molasek J. Kishi	A108 513

CZSSNA AIRCRAFT COMPANY

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
L-19A	61-01	Evaluation of L-19A Equipped with Continental O-470-11C1 Fuel Injection Engine	Feb 1961	J. Kidwell CPT W. Clay	722 825
L-19A H-13C	61-06	Evaluation of the Mark XII Auxiliary Fuel and Oil System	Jul 1961	CPT J. Johnston	884 854

DeHAVILLAND AIRCRAFT OF  
CANADA LTD

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AL Number
CV-2B	63-04 aka 63-73	Take-Off and Landing Capabilities of the Caribou CV-2B Aircraft on Unprepared Surfaces, USATECOM Project No. 4-4-1142-01	Sep 1963	J. Kidwell J. Blaha R. Finnstead CPT M. Antoniou	440 406
CV-2B	63-74	Final Report Performance Tests of the CV-2B Airplane USATECOM Project No. 4-4-114-01	Jun 1965	R. Finnstead CPT M. Antoniou	467 490
CV-2B	63-92 LR	Final Test Report of the Integrated Engineering/Service Test of Low Level Extraction Techniques (LOLEX) from CV-2B Aircraft, USATECOM Project No. 4-4-7475	Jul 1964	J. Kramer	
YCV-7A	63-13	Engineering Test Requirements for the DeHavilland YCV-7A Tactical Troop Transport, USATECOM Project No. 4-3-1170-01	Nov 1963	J. Blaha	951 587
CV-7A	63-14 LR	Letter Report on Preliminary Engineering Flight Evaluation of the CV-7A Tactical Transport Airplane, DA Project No. 1-R-1-41815-D-193, USATECOM Project No. 4-3-1170-04	Oct 1964	J. Blaha	
CV-7A	65-10	Stability and Control and Performance Test (Phase D) of the CV-7A Transport Airplane, USATECOM Project No. 4-3-1170-08	Mar 1966	MAJ M. Mattmiller D. Wilson J. Blaha	483 183
U-6	65-07 LR	Final Report of Qualitative Flying Qualities Evaluation of the Turbine Powered U-6 Airplane, USATECOM Project No. 4-5-1020-02	Jun 1965	MAJ E. Kleuver	

GRUMMAN AEROSPACE  
CORPORATION

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AL Number
AD-1AF	61-07	Cold Weather Suitability Test of the AD-1AF	Nov 1961	A. Ruddlell	264 888
OV-1	73-08 LR	NASA OV-1 Accident Investigation	Jun 1973	MAJ R. Chaplin LTJ G. Griffith	

GRUMMAN CORPORATION  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
OV-1B	67-23	Engineering Flight Test of an IR Suppression Kit Installation on the OV-1B Aircraft	Jul 1969	SP5 G. Higley MAJ R. Forsyth	857 774
OV-1C	63-20	Final Report of the Airworthiness Certification Test of the QRC-160-1 Installed on the OV-1C Airplane, USATECOM Project No. 6-3-6711-03	Jan 1965	J. Blaha MAJ J. Johnston	465 079
OV-1C	75-15 LR	Advanced Report, Engineering Flight Evaluation, OV-1C Aircraft Equipped with Angle-of-Attack/Stall Warning System	May 1976	CPT G. Nepereny MAJ R. Stewart	
OV-1C	78-07	Airworthiness and Flight Characteristics Test OV-1C Takeoff Performance	May 1979	R. Smith J. Watts J. Niemann MAJ J. Guin G. Yamakawa	A069 827
OV-1C	78-19	Airworthiness and Flight Characteristics OV-1C with Angle-of-Attack/Stall Warning and Speed Control System,	Apr 1979	MAJ R. Tarr G. Skinner	
OV-1C	80-01 LR	Letter Report OV-1C (Short Wing) Fuel Siphoning Evaluation	Apr 1980	MAJ R. Carpenter	
OV-1D	68-43	Army Preliminary Evaluation Preproduction OV-1D (Mohawk)	Mar 1970	G. Yamakawa LTC W. Graham LTC T. Wright	870 260
OV-1D	70-03	Army Preliminary Evaluation II Production OV-1D (Mohawk), Performance and Handling Qualities	Mar 1971	G. Yamakawa 1Lt K. Brauer  LTC W. Graham	881 649
OV-1D	70-03	Army Preliminary Evaluation II Production OV-1D (Mohawk) Performance Addendum	Apr 1972	G. Yamakawa 1Lt K. Brauer LTC W. Graham MAJ J. Henderson	903 107
OV-1D	72-19 LR	OV-1D 300-Gallon External Drop Tank Performance Evaluation	Sep 1972	MAJ R. Chaplin SP4 J. Lehman	
OV-1D	74-20	Hot Brick III Airworthiness Evaluation OV-1D Airplane	Nov 1974	D. Macpherson CW4 J. Reid	A012 202
OV-1D	76-10 LR	OV-1D Low Reflective Paint Evaluation	undated	J. Watts	
OV-1D	77-22	Preliminary Airworthiness Evaluation, OV-1D Airplane with AN/ALO 147 XF-1 and XF-2 Systems Installed	Feb 1978	MAJ R. Ward G. Yamakawa MAJ R. Tarr	A109 522
OV-1D	79-10 LR	Airworthiness and Flight Characteristics Evaluation OV-1D with Angle-of-Attack/Stall Warning System	Oct 1979	MAJ G. Wilson LTC C. Frankenberger CPT F. Bowers	

GRUMMAN CORPORATION  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
OV-1D	80-16 LR	Letter Report Limited Artificial Icing Tests of the OV-1D	Jul 1981	E. Gilmore CPT R. Robbins	
RV-1D	74-36	Army Preliminary Evaluation I, RV-1D/Quick Look II Aircraft	Aug 1974	G. Bender CPT J. O'Connor	A005 220
TBM-3	62-11	Evaluation of a Grumman TBM-3 Air Tanker	Nov 1962	J. Blaha CWO E. Nelson	884 894
TS-2A	71-16 LR	Letter Report, Phase I TS-2A Airtanker Evaluation	Jul 1972	MAJ R. Holasek SP4 J. Lehman	
TS-2A	77-07	TS-2A Air Tanker Evaluation, Phase II	May 1978	J. Wette E. Bailes MAJ S. Spring MAJ J. Guin	A060 940

LOCKHEED CORPORATION

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
YO-3A	68-47	Army Preliminary Evaluation I YO-3A Airplane	Aug 1970	CPT G. Condon LTC I. Rundgren MAJ W. Davis	876 022
YO-3A	69-14	Army Preliminary Evaluation, II, YO-3A Airplane	Aug 1970	CPT G. Condon LTC I. Rundgren CWO W. Connor	874 733
YO-3A	70-09	Army Preliminary Evaluation III YO-3A Airplane	Sep 1970	LTC I. Rundgren MAJ A. Deel	876 095

NORTH AMERICAN AVIATION

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
TB-25N	62-08	Flight Test Evaluation of a TB-25N Aerial Tanker	Sep 1962	K. Jordan MAJ E. Kluever	
F-51D	71-30	Flight Evaluation, Aeroflex True Airspeed Vector System Low-Airspeed System, Final Report II	Mar 1973	K. Ferrell A. Winn J. Kishi B. Jefferts	764 240

PILATUS

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
PC-6/A	63-05 aka 63-70	Report of USATECOM Project No. 4-3-1048-01 Takeoff and Landing Evaluation of the Pilatus Turbo Porter Model PC-6/A Airplane	Sep 1963	L. Schreers CPT J. Johnston CWO J. Watts	951 586

RYAN AERONAUTICAL CO.

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
XV-5A	62-35 LR	Letter Report, Preliminary Pilot Qualitative Evaluation of the XV-5A Research Aircraft	Oct 1965	R. Finnestead K. Ferrell	
XV-5A	62-72/Pt 1	Engineering Flight Research Evaluation of the XV-5A Lift-Fan Aircraft, Pt I, Stability and Control	Aug 1966	R. Finnestead K. Ferrell MAJ W. Walter W. Anderson	800 973
XV-5A	62-72/Pt 2	Engineering Flight Research Evaluation of the XV-5A Lift-Fan Aircraft, Pt II, Performance	Aug 1967	K. Ferrell MAJ W. Walter	821 123
XV-5A	65-47	A Review of AGARD Recommendations for V/STOL Handling Qualities (Rep. 408) in the Light of U.S. Army Experience with the XV-5A and other V/STOL Aircraft Including Helicopters	1965	W. Anderson	

BELL HELICOPTER TEXTRON INC

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
AH-1G	66-06 LR	Letter Report of Pilot Qualitative Evaluation of Handling Qualities and Cockpit Environment of AH-1G Helicopter After Contractor Optimization of Stability Augmentation System and Improvement of Cockpit Ventilation System, USATECOM Project No. 4-6-0500-01	Sep 1966	MAJ G. Hall J. Melton	
AH-1G	66-06	Engineering Flight Test of the AH-1G Helicopter Hueycobra, Phase B, Part 1, USATECOM Project No. 4-6-0500-01	Jan 1968	J. Melton MAJ G. Hall	830 136
AH-1G	66-06	Engineering Flight Test of the AH-1G Helicopter Hueycobra, Phase B, Part 2, USATECOM Project No. 4-6-0500-01	May 1969	J. Melton MAJ G. Hall	855 629
AH-1G aka 67-26	66-06	Engineering Flight Test of the AH-1G (Hueycobra) Helicopter Equipped with the XM-28 Chin Turret with Twin XM-134 Miniguns, Phase B, Part 3	Mar 1968	J. Melton MAJ G. Hall	834 379
AH-1G aka 67-27	66-06	Engineering Flight Test of AH-1G Hueycobra Helicopter Equipped with XM-28 Chin Turret with Twin XM-129, 40MM Grenade Launcher, Phase B, Part 4	Mar 1968	J. Melton MAJ G. Hall	836 901
AH-1G aka 68-03	66-06	Engineering Flight Test of the AH-1G Helicopter Equipped with the XM-28 Chin Turret with One 7.62MM Automatic Gun (M-134) and One 40MM Grenade Launcher (XM-129) Hybrid, Phase B, Part 5, USATECOM Project No. 4-6-0500-01	Apr 1968	SP5 P. Pessinisi CW4 W. Connor	838 004
AH-1G	66-06	Engineering Flight Test AH-1G Helicopter Hueycobra Phase B, Part 6, USATECOM No. 4-6-0500-01	Nov 1969	R. Finnestead CW4 W. Connor	862 700
AH-1G	66-06	Engineering Flight Test AH-1G Helicopter (Hueycobra) Phase D, Part 1, Handling Qualities, USATECOM Project No. 4-6-0500-01	Dec 1970	R. Finnestead R. Pelikan MAJ D. Wray M. Buss	880 558
AH-1G	66-06	Engineering Flight Test AH-1G Helicopter (Hueycobra) Phase D, Part 2 Performance, USATECOM Project No. 4-6-0500-01	Apr 1970	R. Finnestead E. Laing CW4 W. Connor M. Buss	874 210
AH-1G	66-06	Engineering Flight Test AH-1G Helicopter (Hueycobra) Phase D Part 2 Performance Addendum, USATECOM Project No. 4-6-0500-01	Mar 1971	R. Finnestead M. Buss CW4 W. Connor	882 220
AH-1G	66-06	Engineering Flight Test AH-1G Helicopter, Phase D, Part 3 Vibration Characteristics, USATECOM Project No. 4-6-0500-01	Sep 1970	R. Finnestead E. Hailes MAJ D. Wray M. Buss	878 122
AH-1G	66-06	Engineering Flight Test of the AH-1G Helicopter to Determine the Area of Inadequate Directional Control Power at 8100 Lb. Gross Weight	Feb 1968	J. Melton MAJ G. Hall	812 419

BELL HELICOPTER TEXTRON INC  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
AH-1G	66-06	Feasibility Test of Tractor Tail Rotor Modification on the AH-1G Helicopter	Mar 1968	MAJ G. Hall J. Melton	832 820
AH-1G	68-09 LR	Letter Report Engineering Flight Test of the AH-1G Helicopter Equipped with XM-20 Armament Subsystem Automatic 20MM Cannon	Mar 1968	MAJ G. Hall S. Dorris	8 0 120
AH-1G	68-31	Engineering Flight Test AH-1G (Hueycobra) Helicopter Equipped with the XM35 Armament Subsystem (20MM Automatic Gun)	Nov 1969	N. Donaldson MAJ. G. Hall	865 018
AH-1G	68-37	Army Preliminary Evaluation of the AH-1G Tractor Tail Rotor Modification	Jun 1969	J. Nagata M. Buss	860 948
AH-1G	68-55	Flight Evaluation, Compliance Test Techniques for Army Hot Day Hover Criteria	Apr 1974	K. Ferrell A. Frederickson J. Kishi J. Watts	109 440
AH-1G	69-01	Airworthiness and Flight Characteristics AH-1G Helicopter with Stabilized Night Sight (SNS), Phase I	Dec 1969	G. Bender M. Buss	864 070
AH-1G	69-01	Airworthiness and Flight Characteristics Test AH-1G Helicopter with Stabilized Night Sight (SNS), Phase II	Aug 1970	G. Bender M. Buss	874 211
AH-1G	69-01	NASA Report Static Load Tests of a Simulation Package on an AH-1G Helicopter	Jul 1969	R. Rosecrans	
AH-1G	69-11	Engineering Flight Test AH-1G Helicopter (Hueycobra) Maneuvering Limitations	Mar 1971	P. Lewis E. Bailes R. McClellan CPT J. Claxton M. Buss CW4 W. Connor LTC J. Johnston	882 771
AH-1G	69-13	Height-Velocity Test AH-1G Helicopter	Feb 1971	CPT G. Condon E. Bailes CW4 W. Connor	881 633
AH-1G	70-08 LR	Letter Report, Qualitative Airworthiness Assessment of AH-1G Cobra Night Fire Control System (CONFICS)	Sep 1970	M. Buss	
AH-1G	70-10	Airworthiness and Flight Characteristics Test (Limited) AH-1G Helicopter with the Southwest Asia Multisensor Armament System Helicopter (SMASH)	Oct 1970	G. Bender M. Buss	951 594
AH-1G	70-15-5	Vibration and Temperature Survey Production AH-1G Helicopter	Mar 1974	E. Laing CPT A. Weand	A002 063
AH-1G	70-25	Engineering Flight Test AH-1G (Hueycobra) Helicopter Autorotational Entry Characteristics	Apr 1971	CPT S. Nicholson M. Buss	887 550
AH-1G LR	71-43	AH-1G Lateral Flight Performance Test	Jun 1972	MAJ L. Hepler J. Kishi A. Winn	

BELL HELICOPTER TEXTRON INC  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
AH-1G	72-16 LR	AH-1G Vertical Climb Height-Velocity Diagram	Sep 1972	K. Ferrell A. Frederickson J. Kishi	
AH-1G AH-1Q	72-18	Army Preliminary Evaluation Improved Cobra Armament System	Dec 1972	G. Yamakawa 1LT L. Toman SP5 A. Werner MAJ R. Holasek	907 694
AH-1G	72-29	Instrument Flight Evaluation AH-1G Helicopter	Jul 1975	G. Skinner CPT M. Larsen SP4 G. Smith SP4 P. Bonin CW4 J. Reid LTC R. Waddell MAJ L. Hepler MAJ R. Merrill	A026 633
AH-1G	72-30	Engineering Flight Test AH-1G Helicopter with Model 212 Tail Rotor, Part I, Load Survey	Jun 1973	G. Skinner SP4 G. Smith MAJ L. Hepler PFC P. Bonin	776 359
AH-1G	72-30	Engineering Flight Test AH-1G Helicopter with Model 212 Tail Rotor, Part II, Performance and Handling Qualities	Sep 1973	J. Nagata G. Skinner SP4 G. Smith MAJ L. Hepler PFC P. Bonin	776 360
AH-1G	73-04-2	Artificial Icing Tests AH-1G Helicopter	Nov 1974	R. Smith CPT M. Hanks MAJ C. Mittag CW4 J. Reid	A009 712
AH-1G	74-02	AH-1G Helicopter Main Rotor Flow Survey	Apr 1978	B. Bolrun E. Bailes R. Jefferis MAJ J. Arnold CW3 J. Meiss	A057 443
AH-1G	74-10 LR	AH-1G Heavyweight Autorotational Evaluation	Jan 1974	MAJ L. Hepler G. Yamakawa	
AH-1G	74-10	Engineering Flight Test AH-1G Helicopter Heavyweight Autorotational Evaluation	May 1974	G. Yamakawa 1LT L. Free J. Watts MAJ L. Hepler	785 553
AH-1G	74-19	Height-Velocity Test AH-1G Helicopter at Heavy Gross Weight, Low Elevation	Jun 1974	1LT L. Free MAJ L. Hepler	A034 424
AH-1G	75-01	Performance and Handling Qualities AH-1G Helicopter Equipped with Three Metal/Plume Infrared Suppressors Hot	Apr 1975	A. Winn MAJ M. Stewart	A019 482
AH-1G	75-09	Performance and Handling Qualities Evaluation AH-1G Helicopter with Low Reflective Infrared/Optical Paint	Aug 1975	A. Winn 1LT E. Tavaros MAJ R. Stewart G. Skinner	A021 407
AH-1G	75-17-1	Flight Evaluation, Pacer System, Low-Range Airspeed System, LORAS 1000	May 1977	M. Abbott B. Bolrun CPT G. Hill CPT E. Tavaros	A045 222

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
AH-1G	75-17-2	Flight Evaluation, J-TEC VT-1003 Vector Airspeed Sensing System	May 1977	W. Abbott CPT S. Spring MAJ R. Stewart	A046 553
AH-1G	75-19-1	Low Airspeed Sensor Location Tests AH-1G Helicopter	Feb 1977	K. Ferrell B. Boirun CPT G. Hill	A052 467
AH-1G	75-19-2	Flight Evaluation Honeywell Ultrasonic Wind Vector Sensor System Fire Control Wind Sensor Report	Jun 1976	CPT G. Hill CW3 J. Meles B. Boirun	A052 467
AH-1G	75-25 LR	Letter of Effort, Qualitative Evaluation of AH-1G with Kaiser Ministab	Oct 1975		
AH-1G	78-02	Preliminary Airworthiness Evaluation, AH-1G with the Airborne Target Acquisition Fire Control System and the Hellfire Modular Missile System Installed	Jul 1979	MAJ P. Moe R. Smith	A078 340
AH-1G	78-10	AH-1G Helicopter, 19-Round Lightweight Airborne Launcher Jettison Envelope Determination	Mar 1979	G. Skinner MAJ F. Doten	A069 828
AH-1Q AH-1G	72-18	Army Preliminary Evaluation Improved Cobra Armament System	Dec 1972	G. Yamakawa 1LT L. Toman SP5 A. Werner MAJ R. Holasek	907 694
AH-1Q	72-43	Airworthiness and Flight Characteristics Evaluation AH-1Q Helicopter	Jul 1973	G. Yamakawa CPT K. Schrantz 1LT M. Hanks SP4 A. Werner MAJ R. Merrill CW4 J. Reid	914 458
AH-1Q	73-04-7	Artificial Icing Tests AH-1Q Helicopter (U)	Jan 1974	CPT M. Hanke CW4 J. Reid MAJ R. Merrill	531 589
YAH-1Q	75-18	Army Preliminary Evaluation, YAH-1Q Helicopter with a Flat Plate Canopy	Aug 1975	1LT L. Free CPT J. R. Arnold	A020 111
YAH-1Q	75-18	YAH-1Q Flat Plate Canopy Follow-on Evaluation	Feb 1976	CPT J. R. Arnold	
YAH-1R	74-33	Army Preliminary Evaluation YAH-1R Improved Cobra Agility and Maneuverability Helicopter	May 1975	F. Dominick R. Smith MAJ R. Stewart	A018 420
YAH-1R	74-33	Army Preliminary Evaluation, YAH-1R Improved Cobra Agility and Maneuverability Helicopter Addendum	Aug 1975	F. Dominick R. Smith MAJ R. Stewart	A024 850
YAH-1R	75-21 LR	Letter of Effort, YAH-1R Lateral Agility/IR	Mar 1977	MAJ R. Stewart	
YAH-1R	76-07	Army Preliminary Evaluation, Improved Main Rotor Blade Installed on a YAH-1R Helicopter	Jun 1977	J. Watts F. Dominick MAJ J. Gull	A072 810

BELL HELICOPTER TEXTRON INC  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
YAH-1R	76-08	Airworthiness and Flight Characteristics Evaluation Improved Main Rotor Blade Installed on a YAH-1R Helicopter	Nov 1977	G. Yamakawa J. Niemann R. Smith R. Woratschek MAJ J. Jenks CPT W. Norton CW4 J. Tulloch	A074 895
AH-1S	77-25	Preliminary Airworthiness Evaluation, AH-1S Helicopter with Ogee Tip Shape Rotor Blades	May 1980	G. Bender R. Woratschek D. Ottomeyer H. Arnaiz MAJ L. Higgins CW4 J. Tulloch	A089 625
AH-1S	77-33	Preliminary Airworthiness Evaluation, AH-1S Helicopter Equipped with Garrett Infrared Radiation Suppressor System and AN/ALQ-144 Jammer	May 1978	G. Bender E. Bailes LTC C. Frankenberger MAJ S. Spring	A067 757
AH-1S	77-35 LR	AH-1S/XM-130 Chaff Dispenser. Preliminary Airworthiness Evaluation	Mar 1978	J. Niemann CPT T. Burch	
AH-1S	77-38	Production Validation Test - Government Kaman K747 Improved Main Rotor Blade	Oct 1979	V. Diekmann MAJ G. Mullen CW4 J. Tulloch T. Benson CPT F. Bowers R. Woratschek	097 684
AH-1S	78-03	Preliminary Airworthiness Evaluation, AH-1S Helicopter Installed with Enhanced Cobra Armament System (AH-1S/ECAS)	Feb 1979	CPT P. Moe R. Smith CW3 R. Williams R. Woratschek	A071 343
AH-1S	78-15 LR	Preliminary Airworthiness Evaluation Production AH-1S Helicopter Equipped with AN/ALQ-136 (XL-2) Countermeasures System	Aug 1978	LTC C. Frankenberger T. Benson	
AH-1S	78-16 LR	Preliminary Airworthiness Evaluation Modified AH-1S Helicopter Equipped with AN/ALQ-136 Countermeasures System	Aug 1978	LTC C. Frankenberger T. Benson	
AH-1S	79-01 LR	Letter Report, Preliminary Airworthiness Evaluation of AH-1S with Fixed Wings Removed	Oct 1979	V. Diekmann LTC G. Mullen	
AH-1S	79-03	AH-1 Lightweight Airborne Launcher Jettison Evaluation		MAJ L. Higgins D. Ottomeyer	A111 491
AH-1S	79-04 LR	Letter Report of Preliminary Airworthiness Evaluation of Production AH-1S Helicopter with 90 degree Gearbox and Skid Cross-Tube Fairings Removed	Mar 1980	R. Woratschek MAJ P. Morris	
AH-1S	79-08	AH-1S PRODUCTION Airworthiness and Flight Characteristics for Instrument Flight	Nov 1980	CW4 J. Tulloch D. Ottomeyer LTC C. Frankenberger MAJ B. Picasso	A118 944

BFLI HELICOPTER TEXTRON INC  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
AH-1S	79-09	Preliminary Airworthiness Evaluation AH-1S (Prod) Helicopter with a Substitute Straight Exhaust Pipe	Jun 1980	MAJ P. Morris LTC C. Frankenberger J. Niemann R. Woratschek	A092 614
AH-1S	79-14 LR	Letter Report AH-1S Helicopter Tail Boom 3-Way Temperature Survey	Oct 1979	R. Niemann MAJ P. Morris	
AH-1S	79-16 LR	Letter of Effort and Data Transmittal AH-1S Main Transmission Top Cover Flange Stress Measurements Evaluation	Oct 1979	R. Woratschek	
AH-1S	80-11 LR	Letter Report Drag Characteristics Evaluation of Prototype Hellfire Modular Missile System (HDMS) Launcher	Nov 1980	G. Bender CW4 J. Tulloch	
AH-1S	80-11-2 LR	Letter Report Drag Characteristics Evaluation of Prototype Hellfire Modular Missile System (HDMS) Launcher - Masking/Unmasking	Nov 1980	G. Bender MAJ B. Picasso D. Ottomeyer	
AH-1S	80-20 LR	Letter Report AH-1S Vibration Evaluation	Mar 1981	CW3 J. Webre MAJ B. Picasso G. Bender G. Yamakawa	
JAH-1S	78-17-1	Airworthiness Demonstration, JAH-1S PNVS Surrogate Trainer (Martin-Marietta) COMP SENS	May 1979	CPT T. Burch R. Smith	
JAH-1S	78-17-2	Airworthiness Demonstration, JAH-1S PNVS Surrogate Trainer (Northrop) COMP SENS	Aug 1979	MAJ F. Doten CPT F. Bowers	
YAH-1S	74-34	Airworthiness and Flight Characteristics Evaluation, YAH-1S Improved Cobra Agility and Maneuverability Helicopter	Aug 1975	G. Skinner W. Abbott CPT R. Tarr	A025 476
YAH-1S	77-04	Army Preliminary Evaluation, YAH-1S, Helicopter with Modified Flat Plate Canopy Installed	Aug 1977	MAJ J. Arnold MAJ J. Guin CW4 J. Bishop G. Skinner	A066 573
UH-1B	63-81 aka 65-01	Engineering Flight Test of UH-1B Helicopter Equipped with XM-16 Armament Subsystem and XM-21 Armament Subsystem, USATECOM Project No. 4-4-1532-03 and 4-5-1535-04	Jun 1966	G. Yamakawa MAJ J. Foster	488 791
UH-1B	63-93	Military Potential Test of the Model 540 "Door Hinge" Rotor System, USATECOM Project No. 4-4-0108-01	Feb 1964	J. Kidwell CPT D. Wray	951 593
UH-1B	64-02	Engineering Test of UH-1B Helicopter Equipped with Flotation Landing Gear, USATECOM Project No. 4-5-5301-01	Aug 1966	J. Blaha ILT M. Rich	805 698
UH-1B	64-28	Engineering Evaluation of the UH-1B Helicopter Equipped with the Model 540 Rotor System, Phase B, USATECOM Project No. 4-4-0108-03	Jun 1966	L. Schroers CPT M. Antoniou	804 242

BELL HELICOPTER TEXTRON INC  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
UH-1B	64-28	Engineering Flight Test of the UH-1B Helicopter Equipped with the Model 540 Rotor System, Phase D, USATECOM Project No. 4-4-0105-03	Dec 1966	L. Schroers J. Melton J. Watts J. Shapley MAJ A. Darling MAJ D. Dugan MAJ E. Sampson W. Anderson	811 782
UH-1B	65-12	Engineering Flight Test of UH-1B/540 Rotor Helicopter Equipped with XM-16/M-5, XM-21/M-5, or XM-3/M-5 Armament Subsystem, USATECO Project No. 4-3-1591-01	Dec 1966	J. Nagata	811 781
UH-1B	65-22	Engineering Flight Test of UH-1B Helicopter Equipped with XM-47 Antipersonnel Mine Dispensing Subsystem, USATECOM Project No. 4-4-6516-05	Nov 1966	H. Reif MAJ N. Mattemuller J. Shapley	809 915
UH-1B	68-04	Special Study of Autorotational Procedures	Apr 1968	J. Shapley K. Ferrell	676 820
UH-1B	71-04 LR	Letter Report, Airworthiness Qualification Test UH-1B Helicopter with XM26 Armament TOW System Installed Under Asymmetric Loading	Apr 1971	MAJ D. Broadhurst ILT R. Thomas	
MUM-1B	71-22 LR	Letter Report, Airworthiness Test of the MUM-1B Helicopter Equipped with an Automatic Terrain-Avoidance/Following System	Aug 1971	MAJ R. Molasek SP4 J. Lehman	
UH-1C	65-12 aka 66-09	Engineering Flight Test of the UH-1C Helicopter Equipped with the M-5 Grenade Launcher and the XM-158 or XM-159 Airborne Rocket Launcher Pods Suspended from the XM-156 Multiarmament Mount, USATECOM Project No. 4-4-1562-06 and -09	Feb 1967	J. Petrie MAJ G. Hall	815 629
UH-1C	66-05	Engineering Test (Airworthiness and Performance Tests) of UH-1C Helicopter with Cluster, Canister, Riot Control CS, 130 IB, E-159, USATECOM Project No. 3-5-3405-10	Jan 1967	G. Yamakawa MAJ W. Walter	808 293
UH-1C	67-02 LR	Letter, Report Engineering Flight Test of the UH-1C/XM-26 (TOW/N) Armament System, Army Preliminary Evaluation	Aug 1967	J. Petrie MAJ H. Molasek	
UH-1C	67-07 LR	Analytical Study of Range Performance of the UH-1C Helicopter Equipped with Lycoming T53-L-11 Engine	May 1968	K. Finnestead	819 011
UH-1C	67-09	Engineering Flight Test of the UH-1C Helicopter Equipped with the XM-30 Weapon System, Army Preliminary Evaluation	Nov 1967	K. Ferrell MAJ D. Dugan MAJ H. Molasek	827 146
UH-1C	68-12	Wind Tunnel and Flight Evaluation Reasement Shielded Pitot-Static Tube Model 84M	Apr 1969	K. Ferrell J. Shapley J. Michiof	7118 859

BELL HELICOPTER TEXTRON INC  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
UH-1C	68-13	Flight Evaluation, AN/APN 191 Radar Altimeter	Sep 1970	G. Bender MAJ J. Burden	714 638
UH-1C CH-47C	68-22	Rotary Wing Vehicle External Stores Jettison Envelope Pilot Establishment Requirements	Aug 1970	CPT A. Hoffman MAJ W. Davis	713 872
UH-1C	68-25	A Flight Research Investigation of Autorotational Performance and Height-Velocity Testing of a Single Main Rotor Single Engine Helicopter	Mar 1976	K. Farrell A. Frederickson R. Kyker J. Shapley	A071 153
UH-1C	69-07	Jettison Test XM19/MK45 Flare Dispenser Installed in the UH-1C Helicopter	Dec 1969	MAJ D. Wray	864 077
UH-1C	70-23	Investigation of Engine Rigging, Airspeed and Rotor RPM Effects on Steady State Autorotational Performance	Dec 1970	LTC J. Fitch J. Shapley	717 047
UH-1C	70-33	Evaluation of Fuel Flowmeter Instrumentation	Jan 1971	A. Winn R. Jefferis	719 280
UH-1C	71-27	Airworthiness Evaluation UH-1C XM156/Hornet Missile System	Jan 1972	A. Winn J. Kishi	892 242
UH-1C	71-30	Flight Evaluation, Elliott Low-Airspeed Sensor, Final Report I	Sep 1972	A. Winn J. Kishi	753 343
UH-1C OH-58A F-51D	71-30	Flight Evaluation, Aeroflex True Airspeed Vector System Low-Airspeed System, Final Report II	Mar 1973	K. Farrell A. Winn J. Kishi B. Jefferis	764 240
UH-1C	71-30	Flight Evaluation, Pacer Systems Inc. LORAS II Airspeed System, Low-Airspeed Sensor, Final Report III	Mar 1974	B. Bo'run F. Dominick J. Kishi MAJ J. Smith MAJ R. Merrill	780 018
UH-1C	71-30	Flight Evaluation, J-Tec Airspeed System Low-Airspeed Sensor, Final Report IV	Apr 1974	F. Dominick B. Bo'run J. Kishi R. Jefferis	780 019
UH-1D LR	63-77	Letter Report on the High-Altitude Evaluation of the U.S. Army UH-1D Helicopter Equipped with the 48-Foot Rotor Blade, USATECOM Project No. 4-4-0205-01	Jun 1965	L. Schroers	
UH-1D	64-20	Final Report of Engineering Test of the YT33-L-13 Engine Installed in the UH-1D Helicopter, USATECOM Project No. 4-3-0150-10	Mar 1965	J. Kudirka D. Wilson	
UH-1D	64-20	Engineering Test of the UH-1D Helicopter with XT67 Power Plant Installed, USATECOM Project No. 4-3-0150-17	Apr 1966	J. Milton W. Anderson	845 032
UH-1D LR	70-20	Letter Report, Handling Qualities of the UH-1D Helicopter with Terminal Communications System (TACSAF) Antenna Installation	Aug 1970		

BELL HELICOPTER TEXTRON INC  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
RH-1H	77-15	Preliminary Airworthiness Evaluation, RH-1H Helicopter Quick Fix, Phase 1A	Oct 1977	MAJ J. Guin R. Buckanin	A056 785
UH-1H	66-04	Engineering Flight Test of the UH-1H Helicopter, Phase D Product Improvement Test, Interim Report USATECOM Project No. 4-5-0150-04	Aug 1967	F. Dominick L. Thomas CWO E. Nelson	
UH-1H	67-08	Sling-Load Performance Capability of the UH-1H Helicopter, Analytical Study	Dec 1970	F. Dominick	878 570
UH-1H	69-08 LR	Letter Report Flight Evaluation on the Big Ear Cannister Deployment Subsystem	Nov 1969	MAJ C. Hall	
UH-1H	69-15 LR	Letter Report Airworthiness Qualification of the UH-1H Helicopter with the Airborne Searchlight System (AM/ASS-2) Installed	Oct 1969		
UH-1H	70-14 LR	Airworthiness Qualification Test of the UH-1H Helicopter with Airborne Searchlight Infrared Filter Installed	Jan 1971		
UH-1H	70-15-2	Vibration and Temperature Survey Production UH-1H Helicopter	Jan 1973	E. Laing MAJ L. Mepier MAJ R. Merrill	909 441
UH-1H	70-22 LR	Letter Report, UH-1H Helicopter with the Airborne Ambush Detector (AAD), Qualitative Handling Qualities Evaluation	Oct 1972	J. Petrie MAJ A. Todd	
UH-1H	70-40 LR	Letter Report, Helicopter-Mounted Insecticide Spray System Evaluation	Feb 1973	MAJ R. Maddell SP4 J. Lehman	
UH-1H	71-18 LR	Letter Report, UH-1H Tail Rotor Mover Performance	Oct 1971	R. Finnestead LTC W. Graham	
UH-1H	71-18	Tail Rotor Performance and Translational Flight Handling Qualities Tests UH-1H Helicopter	Jan 1972	R. Finnestead LTC W. Graham	901 787
UH-1H	71-29 LR	Letter Report, Reevaluation of the USPC SPIKE-XRAY Program	Aug 1971	MAJ J. Burden	
UH-1H	71-31 LR	ALARM System Airworthiness Test	Feb 1972	MAJ M. Molasek MAJ J. Alvis PFC J. Lehman	
UH-1H	71-42 LR	UH-1H/MD56, Army Preliminary Evaluation	Feb 1972	MAJ R. Chaplin PFC J. Lehman	
UH-1H	71-45 LR	MD56 Mini-Dispersion Test	Feb 1972	MAJ R. Chaplin SP4 J. Lehman	
UH-1H	73-04-4	Artificial Icing Tests UH-1H Helicopter Part I	Jan 1974	R. Smith CPT M. Hanks CPT L. Brewer CWO J. Held LTC W. Griffith	774 502
UH-1H	73-04-4	Artificial Icing Tests UH-1H Helicopter, Part II Heated Glass Windshield	Jan 1974	CPT M. Hanks MAJ C. Hittag 1LT M. Rowler LTC W. Griffith	774 503

BELL HELICOPTER TEXTRON INC  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
UH-1H	73-07 LR	Helicopter Night Landing System Airworthiness Evaluation	Jun 1973	MAJ R. Chaplin R. Smith	
UH-1H	73-10	Tail Rotor Shaft Vibration Survey, Production UH-1H Helicopter	Jul 1974	E. Laing CPT M. Hawley CPT A. Weand	AD02 574
UH-1H	74-13	Artificial Icing Tests, Lockheed Advanced Ice Protection System Installed on a UH-1H Helicopter	Jun 1975	CPT L. Kronenberger CPT M. Hanks MAJ R. Merrill	AD02 244L
UH-1H	74-31	Natural Icing Tests, UH-1H Helicopter	Jun 1974	LTC W. Griffith CPT M. Hanks MAJ C. Mittag CW4 J. Reid	AD02 007
UH-1H	75-26	Lockheed Advanced Ice Protection System	May 1976	CPT L. Kronenberger	
UH-1H	77-09	Preliminary Airworthiness Evaluation, UH-1H Helicopter Equipped with Multiple Target Electronic Warfare System (MULTEWS)	May 1978	V. Diekmann MAJ M. Mathews MAJ S. Spring MAJ J. Hagen CW4 J. Tullock	AD78 476
UH-1H	77-10 LR	Qualitative Evaluation of Flying Qualities of a UH-1H Helicopter with GP Infrared Exhaust Suppressor Installed	Jul 1977	MAJ R. Stewart	
UH-1H	77-30	Artificial Icing Test Ice Phobic Coatings on UH-1H Rotor Blades	Jun 1978	CW4 J. Tullock R. Smith MAJ F. Doten CW4 J. Bishop	AD59 875
UH-1H	78-04 LR	Preliminary Airworthiness Evaluation UH-1H Helicopter with Interim-Interim-Standoff Target Acquisition System (I <sup>2</sup> SOTAS)	Jul 1978	J. Nagata MAJ J. Hagen	
UH-1H	78-21 LR	Artificial and Natural Icing Tests for Qualification of UH-1H Kit A Aircraft	Aug 1979	MAJ G. Wilson R. Worsatechek	
UH-1H	78-21-2	Microphysical Properties of Artificial and Natural Clouds and Their Effects on UH-1H Helicopter Icing	Aug 1979	MAJ G. Wilson R. Worsatechek	AD84 633
UH-1H	79-86	Ice Phobics Blade Tracking and Comparison of Vibration Analysis Techniques	May 1981	W. Abbott F. Dornick S. Arthur	AD81 121
UH-1H	80-06	Preliminary Airworthiness Evaluation of UH-1H with Hot Metal Suppressor and Infrared Jammer	Jun 1981	MAJ B. Picauso CPT L. A. Neworth D. Ostermeyer CPT M. Vincent	AD81 213
JUM-1H	75-27 LR	Letter of Effort, Qualitative Evaluation of JUM-1H with Kaiser 3-Axis MINISTAR	Jan 1976		
JUM-1H	79-02	JUM-1H Ice Phobic Coating Icing Tests	Jul 1981	MAJ F. Morris R. Worsatechek	AD81 181
NUH-1H	76-11	Airworthiness Evaluation NUH-1H Helicopter with Global Positioning System	May 1977	T. Benson MAJ G. Thomas	AD77 973

BELL HELICOPTER TEXTRON INC.  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
YUH-1H	66-04	Engineering Flight Test of the YUH-1H Phase D. Limited	Nov 1970	F. Dominick LTC E. Nelson	879 656
UH-1H	69-21 LR	Letter Report Airworthiness Evaluation of the UH-1H with Infant Subsystem Installed	Feb 1970	CW4 W. Connor	
UH-1H	70-29 LR	Letter Report, Vibration Survey Tests on the UH-1H Helicopter with the Forward-Looking Infrared (FLIR) System Installed	Nov 1970	LTC D. Hendrickson	
UH-1H	70-79	Vibration and Elevator Loads Survey Tests of the UH-1H Helicopter with the Forward-Looking Infrared (FLIR) System Installed	Jun 1971	R. Finnstead LTC D. Hendrickson	885 839
UH-1H	71-07 LR	Letter Report, Army Preliminary Evaluation of the UH-1H Helicopter Multifunction System (NELMS)	May 1971	MAJ D. Broadhurst CPT B. Nicholson	
UH-1H	71-09 LR	Letter Report, Follow-On Vibration Survey of the UH-1H/FLIR	May 1971	R. Finnstead MAJ R. Molasek S. Streuter	
UH-1H	72-05	Rotor Flow Survey Program UH-1H Helicopter	May 1974	B. Bolrun R. Jafferis MAJ R. Molasek	787 428
MUH-1H	71-30-5	Flight Evaluation, Rosemount Orthogonal Low Airspeed System, Low-Airspeed Sensor, Final Report V	Nov 1974	CPT J. O'Connor SP4 J. Bullock R. Jafferis	009 711
MUH-1H	71-30-6	Flight Evaluation, Elliott Dual-Axis Low Airspeed System, LASSIE 17, Low Airspeed Sensor, Final Report VI	Sep 1975	F. Dominick K. Ferrelli CPT J. O'Connor	A019 360
MUH-1H	73-01	Helicopter Lift Margin System and Low-Speed Performance Evaluation MUH-1H Helicopter	Aug 1977	F. Dominick D. Belte R. Jafferis J. O'Connor A. Krynytsky LTC W. Griffith	A060 553
MUH-1H	75-17-3	Flight Evaluation Rosemount Low Range Orthogonal Airspeed System with B53 Sensor	Mar 1977	W. Abbott MAJ J. Cain	A046 491
MUH-1H	75-22 LR	Letter of Effort, Engine Characteristics Test	Jun 1977	F. Dominick	
EH-1H	81-19 LR	EH-1H Qualitative Flight Evaluation	Dec 1981	CW4 R. Williams C. Yamanawa	
OH-6A	63-23/Pt 1	Report of the Engineering Flight Test Stability and Control Phase of the OH-6A Helicopter, Unarmed (Clean) and Armed with the EH-7 or EH-8 Weapon Subsystem, USATFCON Project No. 6-3-0250-11/12/13	Aug 1964	R. Finnstead MAJ J. Foster	909 771
OH-6A	63-23/Pt 2	Report of the Engineering Flight Test Performance Phase of the OH-6A Unarmed (Clean) and Armed with the EH-7 or EH-8 Weapon Subsystem, USATFCON Project No. 6-3-0250-12/13	Aug 1964	J. Nelson CPT J. Watts	909 772

BELL HELICOPTER TEXTRON INC  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
H-13G L-19A	61-06	Evaluation of the Mark XII Auxiliary Fuel and Oil System	Jul 1961	CPT J. Johnston	884 884
OH-13H	62-13 aka 62-30	Final Report Engineering Test of the Stability and Control Characteristics of the OH-13H Equipped with the XM-1 Armament Kit	Apr 1964	L. Schroers CWO E. Nelson	951 587
OH-13H	63-01	OH-13H Gross Weight Increase/XM-1 Armament Kit Performance Test	Jun 1963	R. Finnestead CWO E. Nelson	951 596
UH-13R	63-07 aka 63-16 aka 64-01	Report of USATECOM Project No. 4-4-0240-02, Flight Evaluation of the T63-A-5 Turbo Shaft Engine Installed in a UH-13R Helicopter	Jan 1964	L. Schroers CPT M. Antoniou	951 588
TH-13T	68-21 LR	Letter Report Final Flight Test Results for TH-13T Helicopter	Jun 1969	CPT J. Brecker	
OH-58A	68-30	Airworthiness and Flight Characteristics Test Production OH-58A Helicopter Unarmed and Armed with XM27E1 Weapon System, Performance	Sep 1970	G. Yamakawa J. Watts	878 560
OH-58A	68-30	Airworthiness and Flight Characteristics Test Production OH-58A Helicopter Unarmed and Armed with XM27E1 Armament Subsystem, Stability and Control	Oct 1970	E. Laing LTC W. Graham MAJ P. Stringer	875 793
OH-58A	68-41	Army Preliminary Evaluation Prototype OH-58A Helicopter with XM27E1 Weapon Subsystem	Jan 1970	J. Nagata	865 456
OH-58A	68-53	Climatic Laboratory Test OH-58A Helicopter Equipped with XM27E1 Machine Gun Armament System	Jul 1970	SP4 D. Tyson SP4 J. Pincavage N. Donaldson CWO J. Thomson	875 578
OH-58A	69-16	Height Velocity Test OH-58A Helicopter	Jun 1971	J. Watts CPT G. Condon SP5 J. Pincavage	884 911
OH-58A	70-15-1	Instrument Panel and Avionics Compartment Environmental Survey Production OH-58A Helicopter	Sep 1972	E. Laing CPT J. Claxton MAJ L. Napier LTC W. Graham	907 738
OH-58A OH-6A AH-56A	71-03	Study, Pilot Perceived Jettison Envelope	Jun 1973	A. Winn J. Kishi	768 171
OH-58A	71-21 LR	Letter Report, Monitoring of OH-58A Snow Ingestion Test	Dec 1971	MAJ L. Napier	
OH-58A	71-24	Evaluation of the OH-58A Helicopter with an Allison 250-C20 Engine	Dec 1972	E. Laing T. Benson SP5 A. Werner MAJ D. Broadhurst	907 291

BELL HELICOPTER TEXTRON INC  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
OH-58A UH-1C F-51D	71-30	Flight Evaluation, Aeroflex True Airspeed Vector System Low-Airspeed System, Final Report II	Mar 1973	K. Ferrell A. Winn J. Kishi R. Jefferis	764 240
OH-58A	71-46 LR	OH-58 Autorotational Evaluation	Feb 1972	J. Watts V. Diekmann	035 727
OH-58A	72-01	Instrument Flight Evaluation OH-58A Helicopter	Sep 1972	T. Benson MAJ J. Smith	907 317
OH-58A	72-03 LR	Fluidic Yaw Damper Evaluation Installed on the OH-58A Helicopter	Dec 1972	MAJ J. Smith MAJ R. Chaplin R. Smith	
OH-58A	72-14 LR	Helicopter Autorotational Demonstration	Jun 1972	J. Watts S. Streutker	
OH-58A	72-20	Handling Qualities Evaluation of the OH-58A Helicopter Incorporating the Model 570B Three-Axis Stability and Control Augmentation System	Feb 1973	R. Smith T. Benson MAJ J. Smith	909 536
OH-58A	72-24 LR	OH-58A/Insulated Infrared Exhaust Airworthiness Evaluation	Aug 1972	J. Watts S. Streutker	
OH-58A	72-38 LR	OH-58A/ISTAR Airworthiness Evaluation	Dec 1972	MAJ R. Chaplin G. Bender	
OH-58A	73-02	Evaluation of the Teledyne Ryan Model 622 Terrain-Following Radar System Installed on an OH-58A Helicopter	Nov 1973	MAJ C. Mittag T. Benson CPT R. Tarr CWJ J. Meiss	775 806
OH-58A	74-23	Handling Qualities Evaluation OH-58A Helicopter Incorporating a Ministab 3-Axis Stability Augmentation System	Feb 1975	E. Batles R. Buckanin CPT C. Mittag	A033 827
OH-58A	74-48	Evaluation of an OH-58A Helicopter with an Allison 250-C20B Engine	Apr 1975	T. Benson R. Buckanin MAJ C. Mittag CPT J. Jenke	A018 861
OH-58A	77-11	Flight Evaluation, MK II Integrated Controller Installed on an OH-58 Helicopter	Apr 1978	MAJ J. Hagen CPT P. Moe R. Woratschek	A065 072
OH-58A	77-34 LR	Preliminary Airworthiness Evaluation OH-58A/XM-130 Chaff Dispenser	Dec 1977	G. Bender CPT T. Burch	
JOH-58A	74-22	Engineering Evaluation JOH-58A Helicopter with an Automatic Engine Relight System	Jun 1975	T. Benson R. Buckanin MAJ C. Mittag	A019 407
JOH-58A	75-11	Army Preliminary Evaluation, JOH-58A Helicopter with Low Reflective Paint and Infrared Countermeasure Exhaust System	Dec 1975	T. Benson MAJ C. Thomas R. Buckanin	A024 727
JOH-58A	75-24	Integrated Controller Evaluation	Sep 1976	CPT J. Arnold CPT M. Mathews MAJ C. Thomas	A035 066

BELL HELICOPTER TEXTRON INC  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
JOH-58A	81-10 LR	Report Preliminary Airworthiness Evaluation of JOH-58A with Composite Tail Boom	Sep 1981	MAJ M. Stratton J. Niemann	
YOH-58A	75-20	Army Preliminary Evaluation, YOH-58A Helicopter with Flat-Plate	Dec 1975	G. Skinner CPT J. Arnold	A024 501
OH-58C	76-11-1	Preliminary Airworthiness Evaluation OH-58C Helicopter	Mar 1978	G. Yamakawa MAJ J. Hagen R. Buckanin CPT T. Burch	A071 699
OH-58C	76-11-2	Airworthiness and Flight Characteristics OH-58C Interim Scout Helicopter	Apr 1979	MAJ S. Spring CPT T. Burch R. Buckanin J. Niemann	A080 138
OH-58C	77-26 LR	OH-58C Rain Removal System Test	Oct 1977	MAJ J. Hagen	
OH-58C	78-09	Preliminary Airworthiness Evaluation OH-58C Helicopter with a Mast Mounted Sight	May 1980	CW4 J. Bishop CPT M. Hanks T. Benson A. Arrigo	A094 172
OH-58C	78-12 LR	Letter Report Airworthiness and Flight Characteristics Test of OH-58C with XM-130 Chaff Dispenser System	Feb 1981	MAJ R. Carpenter G. Yamakawa	
OH-58C	79-12 LR	Letter Report, OH-58C Directional and Longitudinal Control Mapping Evaluation	Mar 1981	CW4 J. Bishop T. Benson D. Ottomeyer	
OH-58C	79-15 LR	Preliminary Airworthiness Evaluation, OH-58C Helicopter with Installed Bell Helicopter Textron Model 206L-1 Tail Rotor	Dec 1979	T. Benson CW4 J. Bishop	
OH-58C	79-18 LR	Letter Report Preliminary Airworthiness Evaluation OH-58C Helicopter with 206L-1 Tail Rotor and Bell Helicopter Textron 570B Stability and Control Augmentation System	Jul 1980	T. Benson CW4 J. Bishop D. Ottomeyer MAJ J. Benson	
OH-58C	79-23 LR	Letter Report Preliminary Airworthiness Evaluation OH-58C Configured with a Wire Strike Protection System	Jun 1980	MAJ J. Benson T. Benson	
OH-58C	80-15 LR	Preliminary Airworthiness Evaluation of the OH-58C Helicopter with Fixed Short Landing Gear with Two Position Landing Gear	Jul 1981	LTC R. Ward MAJ J. Benson G. Yamakawa	
OH-58C	80-21 LR	Preliminary Airworthiness Evaluation of OH-58C Expanded Gross Weight and Lateral CG Envelope	May 1981	MAJ J. Benson G. Yamakawa	
OH-58C	81-05 LR	Report OH-58C Wire Strike Protection System (WSPS) Lower Cutter Ground Contact Investigation	Jul 1981	LTC R. Ward MAJ J. Benson	
OH-58C	81-07	Airworthiness and Flight Characteristics of an OH-58C Configured to a Light Combat Helicopter (LCOH)	Oct 1981	MAJ A. Marshall LTC R. Ward R. Wratoshuk	A112 581

BELL HELICOPTER TEXTRON INC  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
JOH-58C	80-19 LR	Report Preliminary Airworthiness Evaluation of JOH-58C Modified to a Light Combat Helicopter with a M197 20MM Gun	Jun 1981	G. Yamakawa CPT A. Marshall MAJ R. Carpenter	
YAH-63	74-07-1	Development Test 1 Advanced Attack Helicopter Competitive Evaluation Bell YAH-63 Helicopter	Dec 1976	G. Bender V. Diekmann CPT M. Matthews R. Smith MAJ C. Thomas R. Woratachek MAJ J. Arick CPT J. Arnold	A109 531
Model 47G-3	61-02	Bell Model 47G-3 High Altitude Flight Evaluation	Feb 1961	J. Kidwell	722 826
Model 47G-3B	62-12	Limited High-Altitude Evaluation of the Bell 47G-3B Helicopter		J. Kidwell CWO E. Neleon A. Averill	884 896
Model 47J-2	62-05	Limited Evaluation of the Bell Model 47J-2	May 1962	E. Smith J. Kidwell	884-891
Model 206A	67-06 LR	Letter Report Bell 206A SAS Evaluation	Apr 1967	MAJ R. Chubboy	
Model 206A	67-13	Light Observation Helicopter (LOH) Model 206A, Armed (XM-27E1) and Unarmed, Performance and Stability and Control	Dec 1967	LTC E. Preisendorfer LTC W. Crouch F. Dominick	951 595
Model 209		Engineering Flight Evaluation of the Bell Model 209 Armed Helicopter USATECOM Project No. 4-6-0300-01	May 1966	J. Kidwell	811 482
Model 211	68-46	Army Preliminary Evaluation of the Prototype BHC Model 211 Hueytug	Mar 1969	J. Nagata LTC T. Wright MAJ i Rundgren	849 063
Model 214A	74-30	Airworthiness and Flight Characteristics Evaluation, Iranian Model 214A Helicopter	Jul 1975	LTC W. Horton G. Bender 1Lt L. Free CPT J. O'Connor I. Nagata CPT R. Ward	B014 2281
Model 214A	74-32	Climatic Laboratory Evaluation, Iranian Model 214A Helicopter	Aug 1976	MAJ R. Ward CW4 J. Coleman D. Helte K. Dorris	R030 1071
Model 214A	77-32	Limited Airworthiness and Flight Characteristics Evaluation Model 214A Helicopters with Fiberglass Rotor Blades	May 1979	MAJ J. Guin G. Bender E. Bailey CPT R. Robbins	A071 271
Model 214A	77-37 LM	Handling Qualities Test on a Model 214A Helicopter	Dec 1977	CPT S. Spring	
Model 214C	76-02	Performance and Systems Evaluation Iranian Model 214C Helicopter	Mar 1977	G. Yamakawa R. Woratachek CPT S. Spring	R027 8471
Model 249	81-02 LR	Letter Report Preliminary Airworthiness Evaluation (PAE) of Bell Helicopter Textron (BHT) Model 249 Cobra	Aug 1981	G. Yamakawa MAJ B. Picaen J. Brown	

BELL HELICOPTER TEXTRON INC  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
Model 309	72-10	Attack Helicopter Evaluation Model 309 KingCobra Helicopter	Jul 1972	J. Nagata G. Skinner PFC G. Smith R. Jungel MAJ L. Hepler LTC P. Stringer	771 151
Model 309	72-31 aka 72-34	Sideward Flight, High-Altitude Evaluation and Simulated Engine Failures KingCobra Model 309 Attack Helicopter	Aug 1972	J. Nagata R. Jungel MAJ L. Hepler PFC G. Smith G. Skinner	A109 512

BOEING-VERTOL  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
CH-47	67-04	Engineering Flight Test of the CH-47 (Chinook) Helicopter Integral Weight and Balance Systems (ENSURE)	Mar 1968	A. Higgins 1LT S. Schwartz H. Catey MAJ R. Forsyth	832 821
CH-47A	66-17 LR	Letter Report of USA Preliminary Engineering Evaluation (Product Improvement Test (PIT) Limited, Phase B), of the Proposed CH-47A, 36,000-pound Flight Envelope, USATECOM Project No. 4-6-0200-32	Sep 1966	K. Ferrell MAJ M. Mattmuller J. Shapley	
CH-47A	68-24 LR	Qualitative Flight Evaluation of the Flight Engagement Tactical Cargo Hook (FETCH) on a CH-47A Helicopter	Nov 1968	1LT T. Lane MAJ R. Forsyth LTC T. Wright	844 426
CH-47B	66-23	Engineering Flight Test of the CH-47B (Chinook) Helicopter, Phase D, Interim Report, USATECOM Project No. 4-6-0200-03	Mar 1968	G. Yamakawa LTC L. Miller MAJ M. Chambers	874 597
CH-47B	66-23	Airworthiness and Qualification Test, (Phase D), CH-47B Helicopter, USATECOM Project No. 4-6-0200-03	Mar 1970	G. Yamakawa LTC L. Miller	871 209
CH-47B	68-02	CH-47B Weight Velocity Evaluation	Feb 1970	CPT A. Hoffman MAJ W. Davis J. Shapley	866 347
YCH-47B	66-26 LR	Engineering Flight Test of the YCH-47B, Army Preliminary Evaluation I & II, USATECOM Project No. 4-6-0200-02	Jun 1967	MAJ M. Mattmuller G. Yamakawa MAJ D. Dugan MAJ M. Chambers	

BOEING-VERTOL  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
YCH-47B	66-26	Engineering Flight Test of the YCH-47B Helicopter Army Preliminary Evaluation I, II, & III, USATECOM Project No. 4-6-0200-02	Jan 1969	G. Yamakawa MAJ M. Mattmuller MAJ D. Dugan MAJ H. Chambers	848 849
CH-47C	66-29	Airworthiness and Flight Characteristics Test CH-47C (Chinook) Helicopter, Performance, USATECOM Project No. 4-6-0201-03	Sep 1971	LTC R. Forayth J. Nagata LTC G. Marr MAJ J. Burden	892 400
CH-47C	66-29	Airworthiness and Flight Characteristics CH-47C Helicopter (Chinook), Stability and Control, USATECOM Project No. 4-6-0201-03	Mar 1972	J. Nagata G. Skinner SP4 P. Bohn MAJ A. Todd MAJ D. Broadhurst LTC D. Hendrickson	903 488
CH-47C UH-1C	68-22	Rotary Wing Vehicle External Stores Jettison Envelope Pilot Established Requirements	Aug 1970	CPT A. Hoffman MAJ W. Davis	713 872
CH-47C	69-17	Height-Velocity Evaluation CH-47C Helicopter with T55-L-11A Engines	Sep 1972	J. Nagata A. Steinmetz MAJ A. Todd MAJ J. Burden	904 930
CH-47C	70-12 LR	CH-47C 50,000-Pound Gross Weight Evaluation CH-47C	Mar 1971	MAJ A. Todd 1LT D. D'Amore LTC H. Chambers	
CH-47C	70-15-6	Vibration and Temperature Survey Production CH-47C Helicopter	Sep 1975	F. Laing CPT M. Hawley R. Smith CPT J. O'Connor CPT L. Kronenberger	4022 348
CH-47C	71-41 LR	CH-47C Improved Flight Control System	Dec 1972	MAJ W. Horton SP4 C. Rovers	
CH-47C	72-15 LR	CH-47C Weight and Balance System	Mar 1973	J. Nagata	
CH-47C	72-35	Helicopter Icing Spray System Qualification	Oct 1973	J. Hayden E. Bailey J. Watts CPT L. Brewer	775 803
CH-47C	72-39 LR	CH-47C Tandem Cargo Hook Demonstration	May 1973	J. Nagata CPT L. Brewer	
CH-47C	73-04	Icing Tunnel Test Hot-Film Anemometer	Feb 1974	SP4 P. Bonin R. Jeffers	A005 044
CH-47C	73-04-1	Artificial Icing Tests CH-47C Helicopter	Aug 1974	MAJ C. Mittag CPT M. Hanks CPT J. O'Connor CPT L. Kronenberger	A004 008
CH-47C	73-05 LR	CH-47C Terminal Radar Area Correlator Experiment (TRACE)	Apr 1973	CPT L. Brewer	
CH-47C	74-27 LR	CH-47C Prototype Infrared Countermeasures (ICRM) Airworthiness Demonstration Evaluation	Jun 1974	MAJ W. Horton J. Nagata SP4 P. Bonin	

BOEING-VERTOL  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
CH-47C	75-04	Modified Helicopter Icing Spray System Evaluation	Mar 1977	G. Bender CPT M. Mathews CW4 J. Tulloch	A055 039
CH-47C	75-06 LR	Letter of Effort, CH-47C, Active Arm External Load Stabilization System (AAELSS) II Flight Evaluation Program	Apr 1976	CPT G. Nepereny	
CH-47C	77-24 LR	CH-47C Inlet Flow Distortion Evaluation	May 1978	MAJ J. Guin	
CH-47C	77-29 LR	Airworthiness and Flight Characteristics Evaluation, CH-47C Helicopter with T55-L-712 Engines	Aug 1978	MAJ R. Tarr MAJ J. Guin G. Skinner	
CH-47C	77-31	Preliminary Airworthiness Evaluation CH-47C with Fiberglass Rotor Blades (with T55-L-712 Engines)	Apr 1979	MAJ S. Spring J. Niemann MAJ G. Wilson	A069 891
CH-47C	78-18	Artificial Icing Tests with CH-47C Helicopter with Fiberglass Rotor Blades	Jul 1979	J. Niemann CPT F. Bowers MAJ S. Spring	A081-860
CH-47C	79-02-2	Helicopter Icing Spray System (HISS) Nozzle Improvement Evaluation	Sep 1981	D. Belte	A109 405
CH-47C	80-04 LR	Helicopter Icing Spray System (HISS) Evaluation and Improvements	Jun 1981	R. Woratschek LTC G. Wilson	
YCH-47C	66-28	Engineering Flight Test of the YCH-47C Medium Transport Helicopter Army Preliminary Evaluation I, Interim Report	Mar 1968	MAJ R. Forsyth MAJ H. Chambers 1LT J. Jester SP4 F. Wilson	
YCH-47C	66-28	Engineering Flight Test of the YCH-47C, Medium Transport Helicopter Army Preliminary Evaluation I, USATECOM Project No. 1-5-0201-02	Mar 1968	CPT J. Jester SP4 F. Wilson LTC H. Chambers MAJ R. Forsyth	A44 427
YCH-47C	66-28	Engineering Flight Test of the YCH-47C, Medium Transport Helicopter, Army Preliminary Evaluation Part II, USATECOM Project No. 4-6-0201-02	Feb 1969	CPT J. Jester 1LT T. Lane LTC H. Chambers MAJ R. Forsyth	855 630
CH-147 (CH-47C)	75-05 LR	Qualitative Army Preliminary Evaluation of the Canadian Production CH-147 Helicopter	Oct 1974	MAJ W. Horton J. Watts	
YCH-47C	66-28	Army Preliminary Evaluation III and IV YCH-47C, Medium Transport Helicopter, USATECOM Project No. 4-6-0201-02	Oct 1970	CPT J. Jester LTC R. Forsyth	87H 571
YCH-47C	68-32 LR	Letter Report of the YCH-47C Helicopter 50,000-Pound Gross Weight Evaluation	Jan 1969	MAJ G. Merr	
YCH-47D	79-06	Preliminary Airworthiness Evaluation I (PAR I) of the YCH-47D Helicopter	May 1980	J. Niemann MAJ G. Wilson MAJ C. Adam CPT F. Bowers C. Arthur	A092 633

**BOEING-VERTOL**  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
YCH-47D	80-05 LR	Letter Report Preliminary Airworthiness Evaluation (PAE) II of the YCH-47D with Modified Advanced Flight Control	Jul 1980	LTC G. Wilson MAJ C. Adam J. Nicmann	
YUH-61A	74-06-2	Government Competitive Test, Utility Tactical Transport Aircraft System (UTTAS) Boeing-Vertol, YUH-61A Helicopter	Nov 1976	A. Winn MAJ J. Jenks F. Depropero CPT E. Taveres CPT J. O'Connor LCdr J. Ludwig	8035 (MIL)
YUH-61A	75-12-2	Climatic Laboratory Evaluation, Utility Tactical Transport Aircraft System (UTTAS) Boeing-Vertol, YUH-61A Ground Test Vehicle	Jul 1977	D. Belce R. Followill R. Seefeldt D. Wallis	8031 (US2L)
YUH-61A	76-09-2	Artificial Icing Test, Utility Tactical Transport Aircraft System (UTTAS), Boeing-Vertol YUH-61A Helicopter	Jan 1977	CPT J. O'Conner CPT E. Taveres MAJ J. Hagen	A109 515
Model 347	70-38 LR	Letter Report, Reevaluation of Boeing-Vertol Model 347	Oct 1971	G. Yamakawa LTC D. Hendrickson	
Model 347	70-38	Tech Eval Boeing-Vertol Model 347 Advanced Technology Helicopter, Phase I	Jan 1972	G. Yamakawa A. Steinmetz SP4 R. Greenland LTC D. Hendrickson	900 263
Model 347	72-12	Engineering Flight Test Boeing-Vertol Model 347 Advanced Technology Helicopter Phase II	Oct 1972	A. Steinmetz SP4 C. Bowers LTC A. Deal MAJ W. Horton	909 933

**BOLKOW-MESSEKSCHEIDT-  
BLONH**  
(Germany)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
BO-105C	74-14 LR	BO-105C Evaluation	Jan 1975	CPT M. Matthews	

# HILLER AVIATION

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
OH-5A	63-24/Pt 1	Report of the Engineering Flight Test of the OH-5A Helicopter, Unarmed (Clean) and Armed with the XM-7 or XM-8 Weapon Subsystem, Part I Stability and Control, USATECOM Project No. 4-3-0250-31/12/33	Aug 1964	R. Turk MAJ J. Johnston J. Blaha J. Reichert	909 269
OH-5A	63-24/Pt 2	Report of Engineering Flight Test of the OH-5A, Helicopter Unarmed (Clean) and Armed with the XM-7 or XM-8 Weapons Subsystem, Part II Performance Phase, USATECOM Project No. 4-3-0250-31/32/33	Aug 1964	L. Schroers CWO E. Nelson	909 270
UH-12E	61-03	High Altitude Evaluation of the Hiller Model 1961 UH-12E Helicopter	Mar 1961	J. Kidwell MAJ J. Seigler D. Armstrong	722 827
UH-12E-4	62-07	Evaluation of the Hiller Model UH-12E Helicopter	1962	J. Kidwell CPT J. Johnston	884 876
H-23D	62-03	Qualitative Flight Evaluation of the Torque-Bias, Throttle-Governor and Yaw-Damper Systems for the Hiller H-23D Helicopter	Apr 1962	W. Swope CPT J. Johnston CWO E. Nelson	884 872
H-23D H-37B H-21B	62-04	Evaluation of the SWE-1165 Blade Tracker	May 1962	R. Finnestad	884 873
H-23D	63-12	Helicopter Airspeed System Investigation	Dec 1962	2LT J. Melton CPT J. Johnston	

# HUGHES HELICOPTERS

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
OH-6A	63-25/Pt 1	Report of the Engineering Flight Test Stability and Control Phase of the OH-6A Helicopter, Unarmed (Clean) and Armed with the XM-7 or XM-8 Weapon Subsystem, USATECOM Project No. 4-3-0250-31/52/53	Aug 1964	C. Statum W. Anderson	951 591
UH-6A	63-25/Pt 2	Report of the Engineering Flight Test Performance Phase of the OH-6A Helicopter Unarmed (Clean) and Armed with the XM-7 or XM-8 Weapon Subsystem, USATECOM Project No. 4-3-0250-31/52/53	Aug 1964	J. Kudrka CPT D. Wray	951 592
UH-6A	64-31	Final Report of Climatic Hangar Test of the OH-6A Light Observation Helicopter, USATECOM Project No. 4-3-0250-72/80	Jul 1965	S. Kennedy C. Martin K. Durbin	411 No2

# HUGHES HELICOPTERS

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
OH-6A	65-37 LR aka 65-41B	Letter Report, OH-6A XM-27 Army Preliminary Evaluation	Mar 1969	J. Shapley J. Nagata	
OH-6A	65-37 aka 65-41	Engineering Flight Test (Product Improvement Test) of Production OH-6A Helicopter Unarmed and Armed with the XM-27EI Weapon System, Phase D	Mar 1968	J. Nagata H. Wolf J. Shapley	834 574
OH-6A	65-37	Engineering Flight Test of the OH-6A Helicopter (Cayuse), Phase D	Apr 1969	J. Nagata J. Shapley	855 043
OH-6A	67-29	Engineering Flight Test of the Production OH-6A Helicopter with Fairings Removed	Jul 1969	1LT T. Lane MAJ D. Wray M. Buss	859 435
OH-6A	68-42 LR	Performance Evaluation of the OH-6A with Expanded Tolerance Main Rotor Blades	Jan 1969	1LT T. Lane J. Shapley MAJ I. Rundgren	847 558
OH-6A	69-09	5.56/7.62MM Weapons Comparative Evaluation OH-6A Helicopter	Jun 1971	LTC J. Wing V. Diekmann MAJ R. Holasek	844 980
OH-6A	70-15-4	Vibration and Temperature Survey Production OH-6A Helicopter	Aug 1973	P. Laing MAJ J. Smith CWJ J. Hill	914 172
OH-6A OH-58A AH-56A	71-03	Study, Pilot Perceived Ejection Envelope	Jun 1973	A. Winn J. Kishi	768 171
OH-6A	71-05 LR	Letter Report, Evaluation of Stability and Control Test Methods	Jan 1974	V. Diekmann LTC R. Waddell	
OH-6A	71-11 LR	Letter Report, Evaluation, AN/APN 171 Radar Altimeter	Oct 1971	J. Watts S. Streutker	
OH-6A	72-06	Instrument Flight Evaluation OH-6A Helicopter, Part I	Nov 1973	A. Winn LTC W. Griffith MAJ C. Mitter	780 016
OH-6A	72-06	Flight Evaluation, OH-6A Helicopter Kaiser FP-50H Flight Director System, Part II	Feb 1973	A. Winn LTC W. Griffith MAJ C. Mitter	781 490
OH-6A	72-21 LR	OH-6A/Bifurcated Exhaust Duct	Jul 1972	MAJ R. Chaplin T. Benson	
OH-6A	72-24	Engineering Flight Test OH-6A Helicopter with Cambered Tail Rotor Blades and Pedal Force Compensators	Aug 1973	SP4 R. Anderson LTC R. Waddell	913 954
OH-6A	72-32 LR	OH-6A Autorotational Evaluation	Nov 1972	MAJ W. Griffith R. McCallan	
YOH-6A	66-44	Continued Flight Test of the YOH-6A Helicopter, USATECOM Project No. 6-3-0250-78	May 1967	V. Dominica J. Watts	4951 581

HUGHES HELICOPTERS  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
YOH-6A	65-11 LR	Letter Report of Engineering Test of YOH-6A Helicopter in the Desert Environment, USAT&COM Project No. 4-3-0250-75	Jun 1966	D. Macpherson	
OH-6C	71-34	Army Preliminary Evaluation, Prototype Hughes, Model 369C (OH-6C) Heli- copter,	Feb 1972	G. Skinner R. McClellan LTC A. Deel	901 268
TH-55A	67-22	Engineering Flight Test TH-55A Primary Helicopter Trainer Limited Performance Evaluation	Nov 1969	CPT S. Schwartz MAJ D. Wray	864 071
TH-55A	70-24	Autorotational Entry Improvement Program TH-55A Helicopter	Dec 1972	B. Bolrun LTC W. Benoit	908 657
YAH-64	74-07-2	Development Test 1 Advanced Attack Helicopter Competitive Evaluation Hughes YAH-64 Helicopter	Dec 1976	MAJ R. Stewart MAJ R. Tarr LT M. Hill B. Bolrun T. Benson F. Hallen W. Abbott	A109 532
YAH-64	77-36	Engineering Design Test 1, Hughes YAH-64 Advanced Attack Helicopter	Sep 1978	MAJ R. Tarr V. Diekmann MAJ R. Stewart R. Woratschek	A064 359
YAH-64	78-23	Engineer Design Test 2 Hughes YAH-64 Advanced Attack Helicopter	Jun 1979	V. Diekmann T. Benson R. Woratschek S. Snakenberg MAJ R. Tarr MAJ P. Moe CWO K. Williams	A098 923
YAH-64	80-03	Engineering Development Test 4, YAH-64 Advanced Attack Helicopter	Jan 1980	C. Bender K. J. B. Picasso MAJ L. Higgins V. Diekmann D. Ottmeyer	A098 922
YAH-64	80-12 LR	Engineer Design Test, Government EDT-5 of the Advanced Attack Helicopter (AAH) Helicopter (LCM)	Mar 1981	MAJ P. Murrie D. Ottmeyer	
Hughes 500D	79-22 LR	Potential Airworthiness Evaluation of the Hughes 500D	Jul 1980	MAJ B. Picasso CWO J. Tulloch C. Bender D. Ottmeyer	
Model 500D	80-18 LR	Memo for Record, Preliminary Airworthiness Evaluation (PAE), of Hughes Helicopters (HH) 500D Modified to a Light Combat Helicopter (LCM)	Feb 1981	CWO R. Williams W. Horton E. Buchanan	

# KAMAN AEROSPACE CORPORATION

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
UH-2B	65-31	Engineering Flight Evaluation of UH-2B Armed Helicopter, USATECOM Project No. 4-6-0300-01	Mar 1966	J. Johnson W. Anderson	951 585

# LOCKHEED CORPORATION

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
AH-56A	70-02 aka 71-17	Army Preliminary Evaluation I and Research and Development Acceptance Test I, AH-56A Cheyenne Compound Helicopter	Mar 1972	F. Dominick C. Bender LTC G. Hall R. McClellan MAJ P. Stringer M. Buss	905 910
AH-56A OH-58A OH-6A	71-03	Study, Pilot Perceived Ejection Envelope	Jun 1973	A. Winn J. Kiehl	764 171
AH-56A	72-08	Attack Helicopter Evaluation AH-56A Cheyenne Compound Helicopter	Jun 1972	J. Johnson C. Bender R. McClellan MAJ J. Burden CPT M. Larsen	771 916
AH-56A	72-44	Engineering Evaluation AH-56A Compound Helicopter with Advanced Mechanical Control System	Mar 1973	J. Johnson C. Bender MAJ J. Burden	910 262

# PIASECKI AIRCRAFT CORPORATION

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
H-21B H-23D H-37B	62-06	Evaluation of the SAW-1145 Blade Tracker	Nov 1962	R. Pinnehead	866-473

ROTORWAY INC

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
Scorpion	70-43 LR	Evaluation of the Scorpion Helicopter	Mar 1972	MAJ R. Chaplin MAJ J. Alvie	

SIKORSKY AIRCRAFT DIVISION OF  
UNITED TECHNOLOGIES CORPORATION

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
H-34	62-09	H-34 Helicopter 50-Caliber Machine-Gun Kit Calibration	Oct 1962	J. Kidwell CWO F. Nelson	951 582
H-37	62-02	Drop Test Evaluation of Mark XII Auxiliary Torso Fuel Tank	Feb 1962	LTJ I. Helton MAJ F. Kleuver	884 871
H-37B H-23D H-218	62-04	Evaluation of the SWE-1165 Blade Tracker	May 1962	R. Finnestead	884 873
CH-37B	62-28	Final Report Engineering Test of the CH-37B	Mar 1965	R. Turk CWO J. Watts	884 897
CH-37B	64-05	Final Report, USATECOM Project No. 4-4-0180-01, Engineering Flight Tests of the CH-37B	Apr 1964	R. Turk CWO J. Watts	951 549
CH-54B	70-15-3	Vibration and Temperature Survey CH-54B Helicopter	Mar 1973	E. Laing MAJ R. Merrill CWO J. Reid	910 495
CH-54B	71-01 LR	Letter Report, Qualitative Evaluation of Instrument Flying Qualities of the CH-54B Helicopter	Aug 1971	J. Watts MAJ J. Henderson	
CH-54B	71-01	Instrument-Flight-Rules Capability Evaluation CH-54B (TARME) Helicopter	Dec 1972	E. Bates V. Diekmann J. Watts MAJ I. Henderson	908 658
CH-54B	72-60	Limited Performance Tests CH-54B (TARME) Helicopter	Feb 1973	J. Johnson V. Diekmann SP4 J. Johnson MAJ R. Merrill CWO J. Reid	910 343
UH-60A	77-17-3 LR	Letter Report UH-60A Aft CG	Aug 1980	CPT M. Hanks MAJ R. Piranga J. Viemann E. Flieg	
UH-60A	77-17-5 LR	Report, Experimental Testing of the UH-60A Black Hawk Helicopter at Heavy Gross Weight and Extended Forward Center of Gravity	Nov 1981	R. Buchanan MAJ R. Robbins MAJ J. Benson CPT M. Viemann	

SIKORSKY AIRCRAFT DIVISION OF  
UNITED TECHNOLOGIES CORPORATION  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
UH-60A	77-23	Production Validation Test Government (PVT-G) Performance Guarantees UH-60A Black Hawk Helicopter	Oct 1979	G. Yamakawa G. Bender R. Buckanin CPT A. Robbins E. Rolles CWA J. Tulloch	8050 426
UH-60A	78-01 LR	UH-60A Command Instrument System Preliminary Evaluation	Mar 1978	LTC W. Griffith MAJ R. Stewart	
UH-60A	78-05 LR	Letter Report, Artificial and Natural Icing Tests Production UH-60A	Oct 1979	CWA J. Tulloch LTC G. Mullen D. Reite	
UH-60A	78-22 LR	Preliminary Airworthiness Evaluation III UH-60A Black Hawk Helicopter	Apr 1979	J. Nagata CWA J. Bishop CWA R. Williams G. Skinner	
UH-60A	79-11 LR	Letter Report Preliminary Airworthiness Evaluation (PAE) IILA, UH-60A Helicopter with the Infrared (IR) Reduction Subsystem	Dec 1979	J. Nagata LTC G. Mullen CWA R. Williams G. Skinner	
UH-60A	79-19	Artificial and Natural Icing Tests Production UH-60A Helicopter	Jun 1980	CPT M. Hanks MAJ L. Higgins V. Diekmann	A090 527 A096 239
UH-60A	79-24A LR	Report Flight Evaluation of UH-60 with the Roll Trim Actuator Disconnected	Dec 1981	G. Skinner MAJ J. Benson D. Macpherson	
UH-60A	80-16	Limited Artificial and Natural Icing Tests Production UH-60A Helicopter (Re-evaluation)	Aug 1981	MAJ M. Hanks V. Diekmann MAJ J. Benson	4112 582
UH-60A	81-20	Report, UH-60A Engine and APU Exhaust Gas Temperature Survey	Dec 1981		
YUH-60A	74-06-1	Government Competitive Test, Utility Tactical Transport Aircraft System (UTTAS) Sikorsky, YUH-60A Helicopter	Nov 1976	J. Nagata G. Skinner S. Koluev R. Buckanin MAJ G. Miller LTC M. Compton CWA J. Nelson	8059 7381
YUH-60A	75-12-1	Climatic Laboratory Evaluation, Utility Tactical Transport Aircraft System (UTTAS) Sikorsky, YUH-60A Ground Test Vehicle	Jul 1977	MAJ M. Ward J. Stevens S. Koluev CWA G. Seefeldt	8033 5491
YUH-60A	76-09-1	Artificial Icing Test, Utility Tactical Transport Aircraft System (UTTAS), Sikorsky YUH-60A	Feb 1977	R. Buckanin CWA J. Tulloch	A106 561
YUH-60A	77-18	Preliminary Airworthiness Evaluation, YUH-60A Black Hawk Helicopter with Night Vision Flight Control System	Jan 1978	A. Allen MAJ G. Miller CWA J. Bishop J. Nagata	

SIKORSKY AIRCRAFT DIVISION OF  
UNITED TECHNOLOGIES CORPORATION  
(Continued)

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
YUH-60A	78-11 LR	Preliminary Airworthiness Evaluation IIA YUH-60A Helicopter with Production Avionics, Electronic Flight Control System and Command Instrument Systems	Dec 1978	CW4 J. Bishop CPT T. Burch CW3 R. Williams	
S-61	65-27	Engineering Evaluation of S-61 (No final published copy)	Mar 1966		
S-67	72-09	Attack Helicopter Evaluation Blackhawk S-67 Helicopter	Jul 1972	G. Yamakawa A. Winn R. Smith SP4 R. Anderson MAJ W. Griffith MAJ W. Horton	771 161
S-67	72-26	Attack Helicopter High-Altitude Evaluation Blackhawk S-67 Helicopter	Jul 1972	G. Yamakawa A. Winn MAJ W. Horton	771 051

## Miscellaneous

Aircraft Type	Project Number	Report Title	Pub. Date	Author(s)	AD Number
	61-04	Limited Cold Weather Evaluation of Multi-Purpose Ground Service Unit Model 2100-5	Jun 1961	A. Ruddell	884 882
	61-05	Evaluation of the Republic Electronic Industries Pitot and Static System Tester	Jul 1961	CWO D. Scott	884 883
	61-08	Evaluation of the Aeromonic Corporation Pitot and Static System Tester	Nov 1961	CWO D. Scott	884 889
	61-09	Evaluation of the North American Aviation Inc. Dynamic Flight Simulator	1961	W. Swope	884 885
	61-10	Evaluation of the North American Aviation Inc. Visual Presentation Flight Simulator	1961	W. Swope	884 890
	62-06	Evaluation of the Helicopter Load and Hovering Computer	May 1962	W. Golyer A. Higgins	884 875
	65-46	A Note on Rotary Wing Hovering and Takeoff Performance, Data Acquisition and Analysis	1965	J. Kidwell	
	68-49 LR	Letter Report Evaluation, High-Speed Swivel-Head Pitot Probe	Apr 1971	E. Bailes	
	70-16 LR	Interim Report, Comparison of VSTOL Specifications to Helicopter Flight Test Data	Sep 1970		
	70-17	A Portable Instrumentation Kit Feasibility Study	Jun 1972	R. Jefferis W. Rivers	751 188
	70-19 LR	Letter Report, Advanced Instrumentation and Data Analysis System Demonstration	Mar 1972	V. Diekmann	
	71-32	Utility Tactical Transport Aircraft System (UTIAS) Maneuver Criteria	Apr 1972	G. Yamakawa MAJ G. Broadhurst MAJ J. Smith	902 767
	73-71	Minutes of AVSCOM Helicopter IFR Conference	Jan 1973		
	74-77	Rotary Wing Icing Symposium Summary Report	Jun 1974	COL D. Wright Commander	
		Volume I			A061 445
		Volume II			A061 422
		Volume III			A061 423
	74-97	Flight Evaluation of Non-dimensional Static Longitudinal Stability Test Methods	Jul 1979	R. Boirun K. Ferrell MAJ J. Jenks	A082 831
	74-94	An Advanced Instrumentation and Data Analysis System for Army Flight Testing Study	Jul 1973	R. Lewis	882 771
	75-28 LR	Letter of Effort, Phase II of Joint Acoustic Test Program with AMROL/AMES	Jan 1976	CPT J. Arnold	
	77-02 LR	Temperature Effects of Sunlight on Helicopter Rotor Blades	Feb 1977	MAJ M. Mathews	
	77-14 LR	Letter of Effort, Lightweight Launcher Vibration Study	Jun 1977	MAJ C. Thomas T. Benson MAJ P. Shaw	

# Quick Reference List of Aircraft by Contractor.

FIXED WING	ROTARY WING	
BEECH AIRCRAFT	BELL HELICOPTER TEXTRON	ROTORWAY INC.
T-34	AH-1	Scorpion
T-42	UH-1	
U-8	H-13	SIKORSKY AIRCRAFT
U-21	OH-56	H-34
Model 300	AH-63	H-37
C-12	Model 47G3	CH-54
	Model 47J2	UH-60
BELL HELICOPTER CORP	Model 206	S-61
XV-3	Model 209	S-67
	Model 211	
BREGUET AVIATION	Model 214	
Model 941	Model 249	
	Model 309	
CANADAIR, LTD		
CL-215	BOEING VERTOL CO.	
	CH-47	
CESSNA AIRCRAFT CO.	UH-61	
	Model 347	
L-19		
DeHAVILLAND AIRCRAFT	BOLKOW-MESSERSCHMITT-BLOHM	
CV-2	BO-105	
CV-7		
U-6	HILLER AVIATION	
	OH-5	
GRUMMAN CORP.	UH-12	
OV-1	H-23	
TBM-3		
TS-2A	HUGHES HELICOPTERS	
	OH-6	
LOCKHEED CORPORATION	TH-55	
YO-3	AH-64	
	Model 500	
NORTH AMERICAN AVIATION		
TB-25	KAMAN AEROSPACE CORP.	
F-51	UH-2B	
PILATUS	LOCKHEED CORPORATION	
PC-6/A	AH-56	
RYAN AERONAUTICAL CORP.	PIASECKI AIRCRAFT CORP.	
XV-5A	H-21	